**3GPP TSG-RAN WG4 Meeting #99-e R4-2111091**

**Electronic Meeting, 19 May – 27 May 2021**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **-3** | **CR** | **0592** | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | CR for corrections 38.101-3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_R17\_2BDL\_xBUL | | | | |  | ***Date:*** | | | 2021-05-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | |  |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Corrections 38.101-3 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Corrections:  Adding missing I in UL for CA\_n66A-n261I  CA\_n66A-n261J UL, change to “-“ instead of “\_”  CA\_n66A-n261K UL, change to “-“ instead of “\_”  CA\_n66A-n261L UL, change to “-“ instead of “\_”  Adding missing UL for CA\_n77A-n258A | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Corrections 38.101-3 are not made | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-3 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

---Start of changes---

Table 5.5A.1-1: Inter-band CA configurations and bandwidth combinations sets between FR1 and FR2 (two bands)

| NR CA configuration | | | | Uplink CA configuration | | | NR Band | | | | Channel bandwidth (MHz) (NOTE 3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bandwidth combination set | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | |  | | |  | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n1A-n257A | | | | CA\_n1A-n257A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n1A-n257D | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257E | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257F | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257G | | | | CA\_n257G  CA\_n1A-n257A  CA\_n1A-n257G | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257H | | | | CA\_n257G  CA\_n257H  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257I | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257J | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257K | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257L | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n257M | | | | - | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258A | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n1A-n258D | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258E | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258F | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258G | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258H | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258I | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258J | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258K | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258L | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n1A-n258M | | | | CA\_n1A-n258A | | | n1 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260A | | | | CA\_n2A-n260A | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n2A-n260G | | | | CA\_n2A-n260A  CA\_n2A-n260G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260H | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260I | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260J | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260K | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260K | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260L | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260K  CA\_n2A-n260L | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n260M | | | | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261A | | | | CA\_n2A-n261A | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n2A-n261G | | | | CA\_n2A-n261A  CA\_n2A-n261G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261H | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261I | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261J | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261K | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261L | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261M | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2A) | | | | CA\_n2A-n261A | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2G) | | | | CA\_n2A-n261A  CA\_n2A-n261G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2H) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(3A) | | | | CA\_n2A-n261A | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(4A) | | | | CA\_n2A-n261A | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-G) | | | | CA\_n2A-n261A  CA\_n2A-n261G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-H) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-J) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-J) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-K) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-K) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-L) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(G-H) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(H-I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(H-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(G-I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-G-H) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-G-I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2A-H) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2A-G) | | | | CA\_n2A-n261A  CA\_n2A-n261G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(2A-I) | | | | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n2A-n261(A-2G) | | | | CA\_n2A-n261A  CA\_n2A-n261G | | | n2 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n3A-n257A | | | | CA\_n3A-n257A | | | n3 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n3A-n257D | | | | CA\_n3A-n257A  CA\_n3A-n257D | | | n3 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n3A-n257G | | | | CA\_n3A-n257A  CA\_n3A-n257G | | | n3 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n3A-n257H | | | | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H | | | n3 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n3A-n257I | | | | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | | | n3 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260A | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n5A-n260(2A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(3A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(4A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(5A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(6A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(7A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260(8A) | | | | CA\_n5A-n260A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260G | | | | CA\_n5A-n260A  CA\_n5A-n260G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260H | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260I | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260J | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260K | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260K | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260L | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260K  CA\_n5A-n260L | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n260M | | | | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260K  CA\_n5A-n260L  CA\_n5A-n260M | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261A | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n5A-n261(2A) | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(3A) | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(4A) | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261G | | | | CA\_n5A-n261A  CA\_n5A-n261G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261H | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261I | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261J | | | | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261K | | | | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261L | | | | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261M | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261O | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261P | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261Q | | | | CA\_n5A-n261A | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2G) | | | | CA\_n5A-n261A  CA\_n5A-n261G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2H) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-G) | | | | CA\_n5A-n261A  CA\_n5A-n261G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-H) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-J) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-J) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-K) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-K) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-L) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(G-H) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(H-I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(H-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(G-I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-G-H) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-G-I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2A-H) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2A-G) | | | | CA\_n5A-n261A  CA\_n5A-n261G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(2A-I) | | | | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n5A-n261(A-2G) | | | | CA\_n5A-n261A  CA\_n5A-n261G | | | n5 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n8A-n258A | | | | CA\_n8A-n258A | | | n8 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n25A-n258A | | | | CA\_n25A-n258A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n25A-n258(2A) | | | | CA\_n25A-n258A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n258(3A) | | | | CA\_n25A-n258A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n258(4A) | | | | CA\_n25A-n258A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n258(5A) | | | | CA\_n25A-n258A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260A | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n25A-n260(2A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(3A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(4A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(5A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(6A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(7A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260(8A) | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260G | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260H | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260I | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260J | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260K | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260L | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n260M | | | | CA\_n25A-n260A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n25A-n261A | | | | CA\_n25A-n261A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n25A-n261(2A) | | | | CA\_n25A-n261A | | | n25 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n28A-n257A | | | | CA\_n28A-n257A | | | n28 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n28A-n257D | | | | CA\_n28A-n257A  CA\_n28A-n257D | | | n28 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n28A-n257G | | | | CA\_n28A-n257A  CA\_n28A-n257G | | | n28 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n28A-n257H | | | | CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | | | n28 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n28A-n257I | | | | CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | | | n28 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n39A-n258A | | | | CA\_n39A-n258A | | | n39 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n40A-n258A | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n40A-n258D | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258E | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258F | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258G | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258H | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258I | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258J | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258K | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258L | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n40A-n258M | | | | CA\_n40A-n258A | | | n40 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n258A | | | | CA\_n41A-n258A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41A-n257A | | | | CA\_n41A-n257A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
| n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |
| CA\_n41A-n257G | | | | CA\_n41A-n257A  CA\_n41A-n257G | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
| n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n41A-n257H | | | | CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
| n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n41A-n257I | | | | CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
| n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n41A-n258(2A) | | | | CA\_n41A-n258A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n258(3A) | | | | CA\_n41A-n258A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n258(4A) | | | | CA\_n41A-n258A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n258(5A) | | | | CA\_n41A-n258A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n258A | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41C-n258(2A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n258(3A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n258(4A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n258(5A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n258A | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41(2A)-n258(2A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n258(3A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n258(4A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n258(5A) | | | | CA\_n41A-n258A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260A | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41A-n260(2A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(3A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(4A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(5A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(6A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(7A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260(8A) | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260G | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260H | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260I | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260J | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260K | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260L | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n260M | | | | CA\_n41A-n260A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260A | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41(2A)-n260(2A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(3A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(4A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(5A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(6A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(7A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260(8A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260G | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260H | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260I | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260J | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260K | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260L | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n260M | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260A | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | | | 200 | | | | 400 | | |  | | |
| CA\_n41C-n260(2A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(3A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(4A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(5A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(6A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(7A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260(8A) | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260G | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260H | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260I | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260J | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260K | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260L | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n260M | | | | CA\_n41A-n260A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41A-n261A | | | | CA\_n41A-n261A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41A-n261(2A) | | | | CA\_n41A-n261A | | | n41 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41C-n261A | | | | CA\_n41A-n261A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41(2A)-n261A | | | | CA\_n41A-n261A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n41C-n261(2A) | | | | CA\_n41A-n261A | | | n41 | | | | CA\_n41C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n41(2A)-n261(2A) | | | | CA\_n41A-n261A | | | n41 | | | | CA\_n41(2A) BCS1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n260A | | | | CA\_n48A-n260A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n48A-n260I | | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n260J | | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n260K | | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n260L | | | | CA\_n48A-n260A  CA\_n48A-n260G CA\_n48A-n260H CA\_n48A-n260I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n260M | | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48(2A)-n260A | | | CA\_n48A-n260A | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |
| CA\_n48(2A)-n260I | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n260J | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n260K | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n260L | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n260M | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n260A | | | CA\_n48A-n260A | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |
| CA\_n48B-n260I | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n260J | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n260K | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n260L | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n260M | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n260A | | | CA\_n48A-n260A | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |
| CA\_n48(A-B)-n260I | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n260J | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n260K | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n260L | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n260M | | | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48A-n261A | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n48A-n261G | | | | CA\_n48A-n261A CA\_n48A-n261G | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261H | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261I | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261J | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261K | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261L | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261M | | | | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(2A) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(2G) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(2I) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(2H) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(3A) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(4A) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(A-G) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(A-H) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(A-I) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(G-H) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(H-I) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(H-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48A-n261(G-I) | | | | CA\_n48A-n261A | | | n48 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n48(2A)-n261A | CA\_n48A-n261A | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | |  |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | | | | |
| CA\_n48(2A)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(2A)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n261A | CA\_n48A-n261A | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | |  |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | | | | |
| CA\_n48B-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48B-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n261A | CA\_n48A-n261A | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | |  |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | | | | |
| CA\_n48(A-B)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n48(A-B)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | | | | | | n48 | | | | CA\_n48(A-B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA\_n66A-n258A | | | | CA\_n66A-n258A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n66A-n258(2A) | | | | CA\_n66A-n258A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n258(3A) | | | | CA\_n66A-n258A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n258(4A) | | | | CA\_n66A-n258A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n258(5A) | | | | CA\_n66A-n258A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260A | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n66A-n260(2A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(3A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(4A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(5A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(6A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(6A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(7A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(7A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260(8A) | | | | CA\_n66A-n260A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(8A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260G | | | | CA\_n66A-n260A  CA\_n66A-n260G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260H | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260I | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260J | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260K | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260K | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260L | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260K  CA\_n66A-n260L | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n260M | | | | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n66A-n260M | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261A | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n66A-n261(2A) | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(3A) | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(4A) | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261G | | | | CA\_n66A-n261A  CA\_n66A\_n261G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261H | | | | CA\_n66A-n261A  CA\_n66A\_n261G  CA\_n66A\_n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261I | | | | CA\_n66A-n261A  CA\_n66A\_n261G  CA\_n66A\_n261H  CA\_n66A\_n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261J | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261K | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261L | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261M | | | | CA\_n66A-n261A  CA\_n66A\_n261G  CA\_n66A\_n261H  CA\_n66A\_n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261O | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261P | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261Q | | | | CA\_n66A-n261A | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2G) | | | | CA\_n66A-n261A  CA\_n66A-n261G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2H) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-G) | | | | CA\_n66A-n261A  CA\_n66A-n261G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-H) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-J) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-J) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-K) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-K) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-L) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(G-H) | | | | CA\_n66A-n261A  CA\_n66A-n261G CA\_n66A-n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(H-I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(H-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(G-I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-G-H) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-G-I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2A-H) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2A-G) | | | | CA\_n66A-n261A  CA\_n66A-n261G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(2A-I) | | | | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n66A-n261(A-2G) | | | | CA\_n66A-n261A  CA\_n66A-n261G | | | n66 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n71A-n257A | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n71A-n260A | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n71A-n260(2A) | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n71A-n260(3A) | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n71A-n260(4A) | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n71A-n261A | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n71A-n261(2A) | | | | - | | | n71 | | | | 5 | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257A | | | | CA\_n77A-n257A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77A-n257D | | | | CA\_n77A-n257A  CA\_n77A-n257D | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257E | | | | CA\_n77A-n257A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257F | | | | CA\_n77A-n257A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257G | | | | CA\_n257G  CA\_n77A-n257A  CA\_n77A-n257G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257H | | | | CA\_n257G  CA\_n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257I | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257J | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257K | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257L | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I,  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n257M | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n257M  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n257A | | | | CA\_n77A-n257A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77C-n257D | | | | CA\_n77A-n257A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n257E | | | | CA\_n77A-n257A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n257F | | | | CA\_n77A-n257A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257A | | | | CA\_n77A-n257A | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77(2A)-n257D | | | | CA\_n77A-n257A  CA\_n77A-n257D | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257G | | | | CA\_n77A-n257A  CA\_n77A-n257G | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257H | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257I | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257J | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257K | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257L | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77(2A)-n257M | | | | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | | | n77 | | | | CA\_n77(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n257 | | | | CA\_n257M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n258A | | | | CA\_n77A-n258A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77A-n258(2A) | | | | CA\_n77A-n258A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n258(3A) | | | | CA\_n77A-n258A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n258(4A) | | | | CA\_n77A-n258A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n258(5A) | | | | CA\_n77A-n258A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n258 | | | | CA\_n258(5A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260A | | | | CA\_n77A-n260A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77A-n260G | | | | CA\_n77A-n260A  CA\_n77A-n260G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260H | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260I | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260J | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260K | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260L | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n260A | | | | CA\_n77A-n260A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77C-n260I | | | | CA\_n77A-n260A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | | CA\_n77A-n260G | | |  | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
|  | | | | CA\_n77A-n260H | | |  | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
|  | | | | CA\_n77A-n260I | | |  | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
|  | | | |  | | | n260 | | | | CA\_n260I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n260J | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n260K | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260GI | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n260L | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260GI | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77C-n260M | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n260M | | | | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n260 | | | | CA\_n260M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261A | | | | CA\_n77A-n261A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | |
| CA\_n77A-n261D | | | | CA\_n77A-n261A  CA\_n77A-n261D | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261G | | | | CA\_n77A-n261A  CA\_n77A-n261G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261H | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261I | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261J | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261K | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261L | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261M | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L  CA\_n77A-n261M | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(2A) | | | | CA\_n77A-n261A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(2G) | | | | CA\_n77A-n261A  CA\_n77A-n261G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(2H) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(2I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(2I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(3A) | | | | CA\_n77A-n261A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(3A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(4A) | | | | CA\_n77A-n261A | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(4A) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(A-G) | | | | CA\_n77A-n261A  CA\_n77A-n261G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(A-H) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| CA\_n77A-n261(A-I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | | | |  | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(G-H) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | | | |  | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(G-I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | | 20 | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | | | |  | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(H-I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 701 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(H-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-J) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-J) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-K) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-K) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-L) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-G-H) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-G-I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-G-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(2A-H) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(2A-G) | | | | CA\_n77A-n261A  CA\_n77A-n261G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(2A-I) | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(2A-I) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77A-n261(A-2G) | | | | CA\_n77A-n261A  CA\_n77A-n261G | | | n77 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | | 70 | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261(A-2G) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77C-n261A | | | | CA\_n77A-n261A | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n77C-n261I | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77C-n261J | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77C-n261K | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77C-n261L | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n77C-n261M | | | | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | | | n77 | | | | CA\_n77C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n261 | | | | CA\_n261M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257A | | | | CA\_n78A-n257A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n78A-n257D | | | | CA\_n78A-n257A  CA\_n78A-n257D | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257E | | | | CA\_n78A-n257A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257F | | | | CA\_n78A-n257A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257A | | | | CA\_n78A-n257A | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n78C-n257D | | | | CA\_n78A-n257A | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257E | | | | CA\_n78A-n257A | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257F | | | | CA\_n78A-n257A | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257G | | | | CA\_n78A-n257A  CA\_n78A-n257G | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257H | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257I | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257J | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257K | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257L | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78C-n257M | | | | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257M | | | n78 | | | | CA\_n78C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257G | | | | CA\_n257G  CA\_n78A-n257A  CA\_n78A-n257G | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257H | | | | CA\_n257G  CA\_n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257I | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257J | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257K | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257L | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n257M | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258A | | | | CA\_n78A-n258A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | | 25 | | | | 30 | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n78A-n258D | | | | CA\_n78A-n258A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258E | | | | CA\_n78A-n258A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258F | | | | CA\_n78A-n258A | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258G | | | | CA\_n78A-n258A  CA\_n78A-n258G | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258H | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258I | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258J | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258K | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258L | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n78A-n258M | | | | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | | | n78 | | | |  | | | | | 10 | | | | 15 | | | | 20 | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | | 90 | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | | CA\_n258M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257A | | | | CA\_n79A-n257A | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n79A-n257D | | | | CA\_n79A-n257A | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257E | | | | CA\_n79A-n257A | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257F | | | | CA\_n79A-n257A | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257G | | | | CA\_n257G  CA\_n79A-n257A, CA\_n79A-n257G | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257H | | | | CA\_n257G CA\_n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n257I | | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79C-n257A | | | | CA\_n79A-n257A | | | n79 | | | | CA\_n79C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| CA\_n79C-n257D | | | | CA\_n79A-n257A | | | n79 | | | | CA\_n79C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79C-n257E | | | | CA\_n79A-n257A | | | n79 | | | | CA\_n79C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79C-n257F | | | | CA\_n79A-n257A | | | n79 | | | | CA\_n79C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
|  | | | |  | | | n257 | | | | CA\_n257F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
| CA\_n79A-n258A | | | | - | | | n79 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | | 40 | | | | 50 | | | | 60 | | | |  | | | | 80 | | | |  | | | | 100 | | | |  | | | | | |  | | | 0 | | | |
|  | | | |  | | | n258 | | | |  | | | | |  | | | |  | | | |  | | | | |  | | | |  | | | | |  | | | | 50 | | | |  | | | |  | | | |  | | | |  | | | | 100 | | | | 200 | | | | | | 400 | | |  | | | |
| NOTE 1: This UE channel bandwidth is optional in this release of the specification. (From Table 5.3.5-1 of 38.101-1)  NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to.  NOTE 3: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.  NOTE 4: This UE channel bandwidth is optional in this release of the specification.  NOTE 5: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as a SCell part of DC or CA configuration (In Table 5.3.5-1 in 38.101-1).  NOTE 6: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as a downlink SCell part of CA configuration (In Table 5.3.5-1 in 38.101-1). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

---End of changes---