Table 2C: sequence and stability variability across nanobodies following stage 2 mutagenesis (+G52F +X90Q)

unstable

partially stable

stable

|  |  |
| --- | --- |
|   | IMGT# 1111111111111111 |
|   |  11111111122222223444444444455555566667777777777888888888899999999990000011222222222 |
|   |  12345678912345678901234569012345678901234567890123456789012345678901234567890123489012345678 |
| **MUT#** |  **MAQVQLQESGGGLVQAGGSLRLSCAASMGWFRQAPGKEREFVAATYYADSVKGRFTISRDNAKNTVYLQMNSLKPEDTAVYYCWGQGTQVTVSS** |
| 4 |  **1G6V** V T G I  |
| 7 |  **1JTP** I  |
| 10 |  **1RJC** V A M  |
| 6 |  **1ZV5** V I D F S  |
| 5 |  **3J6A** GA I  |
| 4 |  **4I0C** E A P R M  |
| 4 |  **4LAJ** V P I C  |
| 8 |  **4W6W** CVN L  |
| 6 |  **4W6X** T CS I  |
| 3 |  **4W6Y** A V S T  |
| 7 |  **5IVN** V P T I C I  |
| 4 |  **2P42** V L T  |
| 4 |  **3K7U** LF  |
| 11 |  **4C58** G CS S I  |
| 4 |  **4HEM** V T R  |
| 10 |  **4LGP** V P I W C V V I  |