

[Processing \(Info\)](#)

MPEC 2020-V02 : DAILY ORBIT UPDATE (2020 November 2)

The following [Minor Planet Electronic Circular](#) may be linked-to from your own Web pages, but must not otherwise be redistributed electronically.

A form allowing access to any MPEC is at [the bottom of this page](#).

◀ [Read MPEC 2020-V01](#)

M.P.E.C. 2020-V02

Issued 2020 November 2, 12:00 UT

The Minor Planet Electronic Circulars contain information on unusual minor planets and routine data on comets. They are published on behalf of Division F of the International Astronomical Union by the Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

Prepared using the Tamkin Foundation Computer Network

MPC@CFA.HARVARD.EDU

URL <https://www.minorplanetcenter.net/> ISSN 1523-6714

DAILY ORBIT UPDATE (2020 November 2)

Update to 2020-V01

Full-precision elements for the objects listed here are available at <https://www.minorplanetcenter.net/iau/MPCORB.html>

New identifications:

| | | |
|---------|---------|-------|
| K16R56X | K20011D | Manca |
| K15B11S | K20010S | Manca |
| K15Ba7O | K20010V | Manca |
| K11W88G | K20009D | Testa |
| K09Q60O | K20009R | Manca |
| K09BG1C | K20N01Y | Testa |
| K02TA3W | K10K16C | Manca |

New multiple-opposition orbits:

| Object | H | G | Epoch | M | Peri. | Node | Incl. | e | a | Opp | C |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|-----|---|
| J95T11M | 19.2 | 0.15 | K20CH | 27.499 | 127.348 | 205.880 | 2.214 | 0.20985 | 2.35011 | 3 | V |
| J95U69K | 18.5 | 0.15 | K20CH | 1.461 | 15.476 | 10.375 | 5.705 | 0.12189 | 2.34856 | 5 | V |
| J98SI1J | 17.4 | 0.15 | K20CH | 21.586 | 350.476 | 17.884 | 5.797 | 0.09331 | 2.68409 | 7 | V |
| J99A35U | 17.2 | 0.15 | K20CH | 358.464 | 67.761 | 320.502 | 5.676 | 0.05973 | 2.76464 | 7 | V |
| J99TY2S | 19.7 | 0.15 | K20CH | 44.890 | 45.492 | 274.454 | 3.924 | 0.23321 | 2.31320 | 2 | V |
| J99TY2T | 17.4 | 0.15 | K20CH | 345.080 | 185.309 | 213.534 | 5.421 | 0.19308 | 3.02591 | 4 | V |
| J99TY2U | 17.1 | 0.15 | K20CH | 14.464 | 358.509 | 358.535 | 8.863 | 0.14716 | 3.02825 | 2 | V |
| J99V15Y | 18.3 | 0.15 | K20CH | 16.010 | 340.252 | 16.238 | 8.482 | 0.17090 | 2.62212 | 3 | V |
| J99VF2R | 18.0 | 0.15 | K20CH | 23.987 | 285.778 | 64.296 | 8.943 | 0.14817 | 2.63555 | 4 | V |
| K00M07K | 17.9 | 0.15 | K20CH | 4.810 | 317.194 | 58.975 | 6.401 | 0.07754 | 2.79549 | 3 | V |
| K00W13J | 16.7 | 0.15 | K20CH | 312.382 | 140.842 | 245.817 | 32.645 | 0.27770 | 2.59454 | 3 | V |
| K01B02O | 16.0 | 0.15 | K20CH | 328.998 | 100.927 | 346.413 | 21.424 | 0.12148 | 2.55494 | 8 | X |
| K01FJ8U | 17.5 | 0.15 | K20CH | 311.916 | 213.919 | 219.352 | 0.129 | 0.15105 | 3.09547 | 3 | V |
| K01FK0S | 18.7 | 0.15 | K20CH | 33.640 | 303.469 | 7.480 | 3.388 | 0.19617 | 2.37262 | 3 | V |
| K01QA7N | 17.9 | 0.15 | K20CH | 42.730 | 101.380 | 259.851 | 17.748 | 0.09701 | 1.93280 | 10 | X |
| K01QF0Y | 15.3 | 0.15 | K20CH | 356.461 | 130.094 | 263.043 | 24.112 | 0.08500 | 2.81162 | 8 | X |
| K01SB6R | 18.4 | 0.15 | K20CH | 18.354 | 51.917 | 331.944 | 19.045 | 0.10074 | 1.93923 | 7 | X |
| K02PE9B | 19.3 | 0.15 | K20CH | 19.167 | 324.458 | 21.800 | 2.552 | 0.22168 | 2.35399 | 3 | V |
| K02R90W | 18.3 | 0.15 | K20CH | 52.750 | 350.050 | 347.495 | 6.384 | 0.27736 | 2.33460 | 7 | V |
| K02RP1Q | 18.4 | 0.15 | K20CH | 84.646 | 303.211 | 328.879 | 5.838 | 0.22040 | 2.33942 | 5 | V |
| K02S64A | 15.9 | 0.15 | K20CH | 25.818 | 115.248 | 304.678 | 25.315 | 0.24432 | 3.20345 | 8 | X |
| K02TA3W | 17.5 | 0.15 | K20CH | 157.297 | 170.164 | 198.473 | 8.258 | 0.17438 | 2.56375 | 6 | V |
| K02TW5L | 17.5 | 0.15 | K20CH | 340.099 | 356.551 | 25.719 | 3.673 | 0.09995 | 2.75399 | 9 | V |
| K03FC5B | 13.9 | 0.15 | K20CH | 34.397 | 332.812 | 349.758 | 28.249 | 0.04417 | 5.15864 | 3 | V |
| K03Q10R | 16.7 | 0.15 | K20CH | 48.310 | 181.967 | 149.460 | 12.546 | 0.19390 | 2.59842 | 9 | X |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|----|---|
| K03QB8U | 17.4 | 0.15 | K20CH | 6.962 | 10.901 | 327.702 | 3.281 | 0.18577 | 3.19897 | 4 | V |
| K03Sj1W | 15.3 | 0.15 | K20CH | 35.549 | 8.465 | 36.689 | 11.577 | 0.30178 | 3.98102 | 7 | X |
| K03Sk6W | 18.6 | 0.15 | K20CH | 350.961 | 216.132 | 198.897 | 13.052 | 0.25468 | 2.63222 | 3 | V |
| K03Sk8A | 18.0 | 0.15 | K20CH | 186.136 | 346.676 | 337.275 | 7.324 | 0.08251 | 2.46793 | 3 | V |
| K03Sk8B | 18.7 | 0.15 | K20CH | 14.272 | 2.926 | 22.322 | 5.454 | 0.19914 | 2.26185 | 5 | V |
| K03Sk8C | 19.2 | 0.15 | K20CH | 57.610 | 130.421 | 189.169 | 5.893 | 0.20635 | 2.25713 | 5 | V |
| K03Sk8D | 17.6 | 0.15 | K20CH | 338.604 | 77.960 | 343.052 | 12.442 | 0.29023 | 3.18094 | 4 | V |
| K03Sk8E | 17.0 | 0.15 | K20CH | 340.839 | 71.472 | 339.308 | 8.919 | 0.21302 | 3.16333 | 4 | V |
| K03Sk8F | 18.7 | 0.15 | K20CH | 38.947 | 28.065 | 312.262 | 6.669 | 0.15791 | 2.25611 | 4 | V |
| K03T65G | 18.4 | 0.15 | K20CH | 284.435 | 65.724 | 303.760 | 3.755 | 0.17510 | 2.74592 | 3 | V |
| K03T65H | 18.4 | 0.15 | K20CH | 29.645 | 134.262 | 200.570 | 4.584 | 0.25589 | 2.64567 | 2 | V |
| K03U26Z | 16.5 | 0.15 | K20CH | 9.951 | 330.996 | 27.925 | 16.418 | 0.23645 | 3.21056 | 5 | V |
| K03Ui5Y | 16.9 | 0.15 | K20CH | 333.313 | 28.260 | 26.925 | 16.588 | 0.12401 | 3.18811 | 5 | V |
| K03WL5V | 17.0 | 0.15 | K20CH | 18.939 | 110.408 | 252.280 | 24.779 | 0.25702 | 3.22313 | 4 | X |
| K04BH3M | 17.7 | 0.15 | K20CH | 309.319 | 113.752 | 309.090 | 3.814 | 0.07550 | 2.74668 | 7 | V |
| K04G55N | 18.1 | 0.15 | K20CH | 63.028 | 343.657 | 285.156 | 1.582 | 0.17240 | 2.46444 | 5 | V |
| K04O17M | 17.3 | 0.15 | K20CH | 22.744 | 195.631 | 133.672 | 14.148 | 0.09582 | 3.03853 | 2 | V |
| K04Q37D | 17.4 | 0.15 | K20CH | 47.843 | 78.210 | 236.567 | 5.703 | 0.17763 | 3.04111 | 4 | V |
| K04Q37K | 17.5 | 0.15 | K20CH | 41.318 | 105.588 | 215.283 | 1.541 | 0.20271 | 3.02825 | 4 | V |
| K04R84F | 18.4 | 0.15 | K20CH | 358.064 | 122.664 | 344.529 | 23.292 | 0.60392 | 2.16398 | 4 | X |
| K04RD3U | 16.8 | 0.15 | K20CH | 47.745 | 130.153 | 162.886 | 18.591 | 0.07736 | 3.08654 | 9 | V |
| K04TJ1V | 17.4 | 0.15 | K20CH | 22.386 | 321.406 | 23.580 | 11.749 | 0.14808 | 3.08090 | 3 | V |
| K04TM6R | 16.3 | 0.15 | K20CH | 39.492 | 53.904 | 292.242 | 17.401 | 0.12926 | 3.04283 | 7 | X |
| K04U01S | 20.8 | 0.15 | K20CH | 78.430 | 74.297 | 223.348 | 21.409 | 0.45120 | 1.28445 | 2 | X |
| K04W14F | 17.3 | 0.15 | K20CH | 285.997 | 186.757 | 293.628 | 5.894 | 0.15961 | 2.57100 | 5 | V |
| K05C77C | 16.2 | 0.15 | K20CH | 6.506 | 114.796 | 336.969 | 14.371 | 0.27273 | 3.08578 | 8 | X |
| K05H12S | 17.4 | 0.15 | K20CH | 58.931 | 281.379 | 32.208 | 5.621 | 0.06603 | 2.75727 | 3 | V |
| K05JA8T | 19.4 | 0.15 | K20CH | 352.568 | 197.311 | 288.759 | 8.946 | 0.57300 | 1.72242 | 6 | X |
| K05M56S | 18.7 | 0.15 | K20CH | 81.579 | 52.150 | 225.179 | 4.131 | 0.21855 | 2.36580 | 3 | V |
| K05QB9J | 19.0 | 0.15 | K20CH | 10.222 | 231.636 | 146.642 | 3.019 | 0.23067 | 2.40672 | 3 | V |
| K05QK6J | 18.1 | 0.15 | K20CH | 34.369 | 182.988 | 170.778 | 6.389 | 0.12630 | 2.40801 | 6 | V |
| K05R60Z | 18.4 | 0.15 | K20CH | 32.865 | 161.863 | 164.562 | 5.213 | 0.20562 | 2.42621 | 2 | V |
| K05TL7E | 16.2 | 0.15 | K20CH | 178.058 | 250.526 | 300.099 | 7.858 | 0.05179 | 3.17657 | 3 | V |
| K05TL7F | 18.8 | 0.15 | K20CH | 28.155 | 285.743 | 49.772 | 2.796 | 0.18546 | 2.44452 | 2 | V |
| K05TL7G | 16.8 | 0.15 | K20CH | 289.440 | 236.840 | 210.377 | 9.790 | 0.04124 | 2.99139 | 6 | V |
| K05Ut0T | 16.8 | 0.15 | K20CH | 329.968 | 68.755 | 246.726 | 11.656 | 0.17708 | 3.13533 | 5 | V |
| K05VF2Y | 19.0 | 0.15 | K20CH | 24.703 | 84.813 | 245.748 | 20.472 | 0.14773 | 1.87601 | 2 | V |
| K05VF2Z | 16.4 | 0.15 | K20CH | 132.899 | 335.793 | 250.841 | 13.912 | 0.08321 | 3.06339 | 2 | V |
| K05VF3A | 18.8 | 0.15 | K20CH | 352.581 | 325.417 | 60.451 | 3.448 | 0.20165 | 2.45890 | 3 | V |
| K05WL7T | 19.2 | 0.15 | K20CH | 74.999 | 346.391 | 252.283 | 20.158 | 0.02851 | 1.91634 | 4 | V |
| K05WL7U | 16.2 | 0.15 | K20CH | 244.462 | 234.944 | 265.585 | 9.940 | 0.07372 | 3.03224 | 5 | V |
| K05XD3S | 16.8 | 0.15 | K20CH | 164.962 | 308.724 | 251.732 | 7.799 | 0.09037 | 3.07157 | 4 | V |
| K06A74M | 16.4 | 0.15 | K20CH | 164.175 | 210.468 | 311.755 | 32.704 | 0.22001 | 2.61873 | 4 | V |
| K06BT9T | 16.5 | 0.15 | K20CH | 220.303 | 174.512 | 338.388 | 8.490 | 0.05757 | 3.17025 | 6 | V |
| K06C70S | 19.1 | 0.15 | K20CH | 52.608 | 5.471 | 314.918 | 6.254 | 0.15650 | 2.16297 | 3 | V |
| K06DM5S | 17.4 | 0.15 | K20CH | 72.589 | 314.886 | 343.935 | 12.267 | 0.12503 | 2.60398 | 4 | V |
| K06G29V | 18.9 | 0.15 | K20CH | 100.991 | 220.332 | 42.168 | 3.239 | 0.14516 | 2.23458 | 3 | V |
| K06HF8L | 17.8 | 0.15 | K20CH | 129.179 | 133.365 | 94.733 | 5.286 | 0.10193 | 2.66889 | 3 | V |
| K06K30L | 18.1 | 0.15 | K20CH | 53.416 | 38.300 | 238.960 | 8.077 | 0.21491 | 2.73171 | 3 | V |
| K06K77X | 18.3 | 0.15 | K20CH | 118.879 | 61.773 | 196.599 | 6.137 | 0.04944 | 2.22964 | 8 | V |
| K06Q99H | 17.4 | 0.15 | K20CH | 35.657 | 25.943 | 343.210 | 17.875 | 0.07837 | 1.97374 | 6 | X |
| K06QK5J | 17.1 | 0.15 | K20CH | 328.560 | 176.116 | 143.367 | 2.796 | 0.04411 | 2.95021 | 8 | V |
| K06QK5L | 18.1 | 0.15 | K20CH | 34.132 | 156.004 | 186.698 | 16.792 | 0.25709 | 2.78275 | 3 | V |
| K06QK5M | 19.0 | 0.15 | K20CH | 358.992 | 92.904 | 295.829 | 4.968 | 0.11105 | 2.29291 | 2 | V |
| K06RC5X | 19.0 | 0.15 | K20CH | 254.560 | 333.124 | 58.303 | 0.702 | 0.24379 | 2.42873 | 3 | V |
| K06Sj1C | 19.1 | 0.15 | K20CH | 58.309 | 15.723 | 292.553 | 2.481 | 0.19003 | 2.31678 | 4 | V |
| K06Sj1F | 18.7 | 0.15 | K20CH | 58.991 | 145.460 | 214.975 | 2.479 | 0.21004 | 2.27280 | 3 | V |
| K06Sj1G | 17.2 | 0.15 | K20CH | 5.360 | 162.327 | 211.376 | 6.924 | 0.04890 | 2.81290 | 5 | V |
| K06Sj1H | 17.8 | 0.15 | K20CH | 14.499 | 116.225 | 245.629 | 3.344 | 0.08346 | 2.80309 | 2 | V |
| K06Sj1J | 19.4 | 0.15 | K20CH | 353.085 | 310.245 | 81.223 | 3.193 | 0.22863 | 2.32000 | 3 | V |
| K06Sj1K | 19.0 | 0.15 | K20CH | 339.990 | 140.188 | 272.751 | 2.543 | 0.15252 | 2.31194 | 2 | V |
| K06Sj1L | 17.0 | 0.15 | K20CH | 14.711 | 94.082 | 268.550 | 1.015 | 0.08048 | 2.86831 | 5 | V |
| K06TE1X | 18.4 | 0.15 | K20CH | 348.126 | 83.197 | 317.356 | 6.440 | 0.11974 | 2.31032 | 2 | V |
| K06UZ8M | 16.9 | 0.15 | K20CH | 184.852 | 192.014 | 216.809 | 15.294 | 0.07570 | 3.14165 | 6 | X |
| K06Uc6F | 19.7 | 0.15 | K20CH | 352.075 | 220.220 | 185.928 | 5.410 | 0.23492 | 2.32860 | 3 | V |
| K06Uc6G | 18.3 | 0.15 | K20CH | 37.015 | 37.089 | 324.618 | 5.299 | 0.22148 | 2.30371 | 4 | V |
| K06VH9O | 17.1 | 0.15 | K20CH | 87.826 | 39.755 | 226.915 | 14.472 | 0.11611 | 2.87743 | 7 | X |
| K06WN1L | 17.3 | 0.15 | K20CH | 26.769 | 255.125 | 77.311 | 6.237 | 0.24138 | 2.36983 | 12 | V |
| K06WN1M | 16.0 | 0.15 | K20CH | 16.269 | 225.624 | 94.072 | 9.279 | 0.30669 | 2.91335 | 8 | V |
| K06WN2M | 17.4 | 0.15 | K20CH | 132.503 | 335.979 | 85.902 | 15.009 | 0.14568 | 2.60201 | 3 | V |
| K06WN2N | 16.8 | 0.15 | K20CH | 32.553 | 161.155 | 80.477 | 13.230 | 0.01868 | 3.11353 | 8 | V |
| K06WN2O | 18.7 | 0.15 | K20CH | 28.469 | 102.945 | 247.786 | 6.445 | 0.14486 | 2.33643 | 4 | V |
| K06WN2P | 17.2 | 0.15 | K20CH | 11.347 | 10.388 | 349.569 | 1.862 | 0.06189 | 2.89378 | 3 | V |
| K06X81N | 17.8 | 0.15 | K20CH | 6.518 | 276.004 | 89.091 | 6.294 | 0.12096 | 2.36591 | 4 | V |
| K07A36N | 18.1 | 0.15 | K20CH | 112.533 | 61.341 | 92.634 | 12.526 | 0.13602 | 2.56565 | 6 | V |
| K07A36O | 18.4 | 0.15 | K20CH | 120.668 | 120.254 | 291.533 | 10.669 | 0.29337 | 2.64529 | 3 | V |
| K07B96Y | 17.4 | 0.15 | K20CH | 63.709 | 349.388 | 309.672 | 8.398 | 0.12441 | 3.01959 | 3 | V |
| K07DC9S | 18.3 | 0.15 | K20CH | 254.144 | 37.416 | 115.971 | 1.896 | 0.13380 | 2.41840 | 3 | V |
| K07E00H | 17.9 | 0.15 | K20CH | 60.833 | 230.924 | 8.695 | 11.318 | 0.14185 | 2.59427 | 3 | V |
| K07E00J | 16.5 | 0.15 | K20CH | 93.712 | 229.349 | 28.845 | 9.607 | 0.05830 | 3.14759 | 4 | V |
| K07E00K | 16.6 | 0.15 | K20CH | 124.385 | 31.815 | 210.441 | 10.344 | 0.09073 | 3.17547 | 5 | V |
| K07F61P | 16.7 | 0.15 | K20CH | 79.524 | 295.081 | 350.430 | 9.006 | 0.02156 | 3.10561 | 3 | V |
| K07K11X | 19.1 | 0.15 | K20CH | 62.881 | 60.487 | 227.730 | 3.085 | 0.18804 | 2.16124 | 4 | V |
| K07Ra2T | 18.1 | 0.15 | K20CH | 12.211 | 58.914 | 321.121 | 15.869 | 0.24586 | 2.64045 | 2 | V |
| K07Ra2U | 18.9 | 0.15 | K20CH | 312.681 | 96.939 | 328.925 | 4.672 | 0.18351 | 2.20984 | 3 | V |
| K07Ra2V | 17.7 | 0.15 | K20CH | 173.118 | 34.159 | 14.116 | 3.614 | 0.16424 | 2.99935 | 3 | V |
| K07Ra2W | 18.1 | 0.15 | K20CH | 53.629 | 121.275 | 186.149 | 6.669 | 0.23031 | 2.66363 | 5 | V |
| K07Ra2X | 18.0 | 0.15 | K20CH | 42.595 | 126.730 | 216.151 | 11.140 | 0.22438 | 2.67270 | 4 | V |
| K07Ra2Y | 17.8 | 0.15 | K20CH | 2.808 | 30.364 | 341.849 | 5.622 | 0.03541 | 2.67644 | 4 | V |
| K07Ra2Z | 18.3 | 0.15 | K20CH | 5.063 | 17.833 | 354.089 | 4.865 | 0.18700 | 2.67255 | 3 | V |
| K07Ra3A | 18.2 | 0.15 | K20CH | 339.778 | 82.885 | 341.227 | 11.831 | 0.25889 | 2.64080 | 3 | V |
| K07Ra3B | 19.2 | 0.15 | K20CH | 357.482 | 205.469 | 197.227 | 10.643 | 0.36448 | 2.68617 | 2 | V |
| K07Ra3C | 18.6 | 0.15 | K20CH | 5.852 | 168.713 | 198.265 | 12.345 | 0.18868 | 2.65385 | 2 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|----|---|
| K07S12R | 17.3 | 0.15 | K20CH | 54.089 | 358.644 | 314.172 | 4.335 | 0.15983 | 2.66911 | 9 | V |
| K07S28R | 18.2 | 0.15 | K20CH | 61.525 | 168.952 | 135.328 | 3.222 | 0.19179 | 2.66106 | 3 | V |
| K07T90W | 18.4 | 0.15 | K20CH | 353.963 | 245.519 | 125.637 | 2.902 | 0.28141 | 2.71256 | 3 | V |
| K07TH1Q | 17.7 | 0.15 | K20CH | 22.130 | 359.951 | 17.042 | 13.512 | 0.28966 | 2.64449 | 3 | V |
| K07TM1D | 16.9 | 0.15 | K20CH | 28.803 | 60.088 | 329.700 | 8.887 | 0.13734 | 2.57049 | 10 | V |
| K07TQ0M | 18.5 | 0.15 | K20CH | 47.753 | 150.448 | 172.624 | 2.615 | 0.20250 | 2.68426 | 3 | V |
| K07Te5H | 17.8 | 0.15 | K20CH | 9.319 | 318.420 | 23.295 | 3.661 | 0.20196 | 2.73939 | 3 | V |
| K07Te8B | 17.8 | 0.15 | K20CH | 351.897 | 285.212 | 76.247 | 9.110 | 0.23616 | 2.73597 | 3 | V |
| K07Tm9F | 18.9 | 0.15 | K20CH | 325.753 | 262.838 | 172.118 | 3.465 | 0.11067 | 2.19018 | 5 | V |
| K07Tm9G | 19.2 | 0.15 | K20CH | 253.439 | 316.636 | 44.912 | 2.093 | 0.20217 | 2.34430 | 3 | V |
| K07Tm9H | 18.6 | 0.15 | K20CH | 345.297 | 170.647 | 143.473 | 4.293 | 0.16116 | 2.26859 | 4 | V |
| K07Tm9K | 17.2 | 0.15 | K20CH | 203.271 | 342.073 | 86.665 | 7.633 | 0.04453 | 2.91406 | 7 | V |
| K07U41Z | 17.7 | 0.15 | K20CH | 354.955 | 352.548 | 16.589 | 9.710 | 0.19186 | 2.72356 | 3 | V |
| K07UF8Q | 17.4 | 0.15 | K20CH | 139.611 | 217.197 | 222.864 | 11.778 | 0.15096 | 3.06408 | 3 | V |
| K07UF8R | 19.4 | 0.15 | K20CH | 36.458 | 107.239 | 235.166 | 4.138 | 0.18409 | 2.21704 | 3 | V |
| K07V50Z | 18.1 | 0.15 | K20CH | 14.363 | 41.505 | 310.720 | 2.872 | 0.24544 | 2.71020 | 3 | V |
| K07V88N | 17.9 | 0.15 | K20CH | 3.558 | 154.522 | 246.304 | 21.654 | 0.09925 | 1.90931 | 6 | X |
| K07VO0A | 18.2 | 0.15 | K20CH | 61.147 | 75.433 | 231.413 | 3.628 | 0.09650 | 2.70294 | 5 | V |
| K07VP7T | 18.4 | 0.15 | K20CH | 2.050 | 309.645 | 82.133 | 9.941 | 0.32122 | 2.68384 | 3 | V |
| K07VT2D | 16.8 | 0.15 | K20CH | 9.361 | 314.434 | 69.799 | 14.449 | 0.26635 | 2.69659 | 5 | X |
| K07Va9R | 18.0 | 0.15 | K20CH | 10.065 | 304.654 | 51.347 | 6.322 | 0.07964 | 2.72410 | 2 | V |
| K07W00K | 17.7 | 0.15 | K20CH | 346.463 | 170.244 | 246.013 | 23.756 | 0.08199 | 1.90474 | 5 | X |
| K07X70C | 17.7 | 0.15 | K20CH | 334.306 | 155.690 | 255.103 | 10.336 | 0.07551 | 2.73679 | 3 | V |
| K07Y93N | 17.2 | 0.15 | K20CH | 316.436 | 232.840 | 196.259 | 4.460 | 0.10402 | 2.79158 | 4 | V |
| K08AF2O | 17.8 | 0.15 | K20CH | 355.891 | 86.780 | 308.931 | 11.755 | 0.21059 | 2.75002 | 4 | V |
| K08AF2P | 17.5 | 0.15 | K20CH | 303.267 | 148.646 | 294.848 | 8.983 | 0.09355 | 2.80250 | 3 | V |
| K08CO2G | 17.0 | 0.15 | K20CH | 173.962 | 342.272 | 215.575 | 4.897 | 0.10143 | 2.89447 | 3 | V |
| K08D97K | 17.1 | 0.15 | K20CH | 21.143 | 38.449 | 329.587 | 8.271 | 0.08906 | 2.86716 | 3 | V |
| K08E40U | 18.1 | 0.15 | K20CH | 134.254 | 208.505 | 342.814 | 10.335 | 0.19770 | 2.41955 | 3 | V |
| K08EI8A | 17.2 | 0.15 | K20CH | 79.455 | 146.442 | 103.657 | 5.063 | 0.19748 | 3.09462 | 3 | V |
| K08EJ2A | 18.3 | 0.15 | K20CH | 79.242 | 198.313 | 65.017 | 2.266 | 0.17601 | 2.41794 | 4 | V |
| K08F95K | 18.5 | 0.15 | K20CH | 54.171 | 239.339 | 56.595 | 2.472 | 0.16604 | 2.41432 | 6 | V |
| K08G08K | 17.2 | 0.15 | K20CH | 66.882 | 167.738 | 102.185 | 3.353 | 0.12200 | 3.07157 | 3 | V |
| K08H24K | 16.9 | 0.15 | K20CH | 74.378 | 146.023 | 106.239 | 11.201 | 0.07915 | 3.12359 | 3 | V |
| K08J51J | 17.6 | 0.15 | K20CH | 122.400 | 39.865 | 106.956 | 12.423 | 0.09160 | 2.53765 | 5 | V |
| K08RH4J | 13.9 | 0.15 | K20CH | 300.459 | 76.089 | 350.410 | 34.386 | 0.04536 | 5.28143 | 3 | V |
| K08SM8S | 19.2 | 0.15 | K20CH | 54.102 | 66.784 | 232.251 | 5.160 | 0.27573 | 2.52766 | 3 | V |
| K08SY6C | 19.4 | 0.15 | K20CH | 147.524 | 205.458 | 139.973 | 1.807 | 0.20077 | 2.36729 | 3 | V |
| K08SY6D | 19.7 | 0.15 | K20CH | 142.975 | 17.718 | 348.678 | 1.072 | 0.20652 | 2.35754 | 3 | V |
| K08SY6G | 17.8 | 0.15 | K20CH | 314.220 | 352.098 | 78.764 | 5.562 | 0.20731 | 2.56730 | 3 | V |
| K08SY6H | 17.8 | 0.15 | K20CH | 311.298 | 77.117 | 5.957 | 12.194 | 0.24110 | 2.56644 | 3 | V |
| K08TM3A | 18.7 | 0.15 | K20CH | 90.077 | 242.747 | 169.078 | 10.188 | 0.19632 | 2.38481 | 3 | V |
| K08TM3B | 18.0 | 0.15 | K20CH | 314.628 | 60.819 | 355.977 | 14.310 | 0.10333 | 2.57223 | 4 | V |
| K08TM3C | 18.5 | 0.15 | K20CH | 335.966 | 193.047 | 223.450 | 13.482 | 0.24545 | 2.54502 | 2 | V |
| K08U83G | 16.4 | 0.15 | K20CH | 354.415 | 223.219 | 175.404 | 10.079 | 0.08909 | 3.32444 | 5 | V |
| K08UG4M | 18.8 | 0.15 | K20CH | 3.068 | 133.090 | 233.365 | 7.291 | 0.17465 | 2.56477 | 3 | V |
| K08Ue9E | 18.8 | 0.15 | K20CH | 161.841 | 338.716 | 52.626 | 3.132 | 0.21914 | 2.32791 | 3 | V |
| K08Ue9F | 18.6 | 0.15 | K20CH | 232.851 | 181.151 | 133.323 | 1.632 | 0.20600 | 2.31347 | 3 | V |
| K08VA2C | 19.0 | 0.15 | K20CH | 109.204 | 133.301 | 56.805 | 8.516 | 0.03518 | 2.21488 | 4 | V |
| K08VA2D | 18.5 | 0.15 | K20CH | 112.812 | 277.045 | 84.564 | 2.387 | 0.19242 | 2.42371 | 3 | V |
| K08WE8K | 17.6 | 0.15 | K20CH | 281.734 | 134.261 | 289.456 | 4.219 | 0.03004 | 2.66883 | 3 | V |
| K08WF9Q | 16.0 | 0.15 | K20CH | 235.039 | 271.903 | 221.147 | 9.604 | 0.02674 | 3.46615 | 4 | V |
| K09A61O | 17.8 | 0.15 | K20CH | 287.172 | 65.295 | 124.679 | 6.198 | 0.07825 | 2.53427 | 3 | V |
| K09BG1C | 17.3 | 0.15 | K20CH | 27.403 | 216.716 | 168.262 | 5.649 | 0.31974 | 2.57134 | 6 | V |
| K09BK7Y | 17.5 | 0.15 | K20CH | 341.702 | 80.709 | 313.785 | 5.739 | 0.04776 | 2.68489 | 4 | V |
| K09BK9J | 18.9 | 0.15 | K20CH | 78.105 | 166.013 | 2.816 | 2.661 | 0.13383 | 2.35666 | 3 | V |
| K09BK9K | 17.8 | 0.15 | K20CH | 20.997 | 217.222 | 319.680 | 10.411 | 0.19939 | 3.14840 | 2 | V |
| K09BK9L | 17.6 | 0.15 | K20CH | 74.357 | 55.354 | 140.764 | 2.015 | 0.09388 | 2.97041 | 5 | V |
| K09BK9M | 18.9 | 0.15 | K20CH | 80.367 | 32.749 | 144.701 | 5.766 | 0.14971 | 2.35139 | 3 | V |
| K09BK9N | 17.6 | 0.15 | K20CH | 218.247 | 243.979 | 341.246 | 10.872 | 0.12976 | 2.64278 | 3 | V |
| K09BK9O | 17.8 | 0.15 | K20CH | 322.208 | 109.925 | 314.165 | 11.545 | 0.07524 | 2.66127 | 2 | V |
| K09C04S | 16.9 | 0.15 | K20CH | 66.964 | 325.733 | 287.762 | 7.185 | 0.14931 | 2.81084 | 7 | V |
| K09F92X | 16.8 | 0.15 | K20CH | 10.601 | 191.380 | 39.211 | 23.309 | 0.16617 | 3.17315 | 4 | V |
| K09H87U | 18.9 | 0.15 | K20CH | 78.366 | 167.693 | 103.258 | 6.449 | 0.21333 | 2.30335 | 3 | V |
| K09HB5N | 18.8 | 0.15 | K20CH | 72.517 | 230.509 | 36.608 | 4.562 | 0.22520 | 2.31685 | 3 | V |
| K09HC3Y | 17.5 | 0.15 | K20CH | 268.828 | 119.799 | 350.372 | 3.883 | 0.01848 | 2.80296 | 4 | V |
| K09O29C | 16.9 | 0.15 | K20CH | 57.711 | 357.394 | 305.966 | 20.903 | 0.23756 | 3.05735 | 2 | V |
| K09P02Z | 17.3 | 0.15 | K20CH | 25.940 | 56.014 | 297.086 | 16.630 | 0.34814 | 3.07735 | 4 | X |
| K09P24C | 18.8 | 0.15 | K20CH | 38.463 | 186.062 | 157.782 | 6.431 | 0.25393 | 2.36295 | 3 | V |
| K09Q28G | 19.0 | 0.15 | K20CH | 52.704 | 182.126 | 134.277 | 7.784 | 0.23181 | 2.35994 | 3 | V |
| K09Q31Z | 18.6 | 0.15 | K20CH | 29.058 | 182.235 | 152.317 | 2.472 | 0.23297 | 2.37832 | 4 | V |
| K09Q49C | 17.3 | 0.15 | K20CH | 59.586 | 325.900 | 328.882 | 9.434 | 0.17179 | 3.10925 | 4 | V |
| K09Q60O | 16.4 | 0.15 | K20CH | 19.265 | 32.317 | 332.247 | 24.039 | 0.25005 | 3.09249 | 2 | V |
| K09Q73H | 17.0 | 0.15 | K20CH | 36.664 | 310.323 | 354.663 | 13.873 | 0.28738 | 3.15032 | 4 | V |
| K09Q73J | 16.6 | 0.15 | K20CH | 22.198 | 357.744 | 322.539 | 9.924 | 0.21585 | 3.13706 | 6 | V |
| K09Q73P | 18.1 | 0.15 | K20CH | 27.840 | 60.028 | 303.652 | 6.472 | 0.12813 | 2.36056 | 8 | V |
| K09Q73S | 18.7 | 0.15 | K20CH | 15.725 | 356.096 | 6.807 | 4.472 | 0.25217 | 2.38076 | 4 | V |
| K09Q73Z | 18.2 | 0.15 | K20CH | 14.342 | 193.226 | 181.091 | 6.158 | 0.22243 | 2.36702 | 5 | V |
| K09Q74C | 18.4 | 0.15 | K20CH | 63.675 | 282.688 | 11.126 | 1.152 | 0.18920 | 2.38798 | 4 | V |
| K09Q74S | 17.2 | 0.15 | K20CH | 38.226 | 155.019 | 177.725 | 17.374 | 0.22277 | 3.08840 | 2 | V |
| K09Q74X | 19.2 | 0.15 | K20CH | 32.823 | 202.358 | 142.506 | 3.095 | 0.21164 | 2.37414 | 2 | V |
| K09Q75U | 18.0 | 0.15 | K20CH | 32.838 | 136.134 | 178.148 | 14.302 | 0.28287 | 3.14191 | 2 | V |
| K09Q75W | 17.1 | 0.15 | K20CH | 340.438 | 15.248 | 349.340 | 12.845 | 0.12133 | 3.18865 | 4 | V |
| K09Q75X | 18.4 | 0.15 | K20CH | 88.986 | 324.874 | 303.603 | 0.647 | 0.16314 | 2.38793 | 6 | V |
| K09Q75Z | 17.1 | 0.15 | K20CH | 356.162 | 227.746 | 189.668 | 13.216 | 0.23843 | 3.11070 | 2 | V |
| K09Q76A | 16.9 | 0.15 | K20CH | 57.804 | 309.447 | 354.579 | 13.494 | 0.14872 | 3.11019 | 2 | V |
| K09R53B | 16.2 | 0.15 | K20CH | 15.940 | 328.210 | 23.585 | 21.136 | 0.16258 | 3.17592 | 6 | V |
| K09R75S | 19.2 | 0.15 | K20CH | 25.762 | 161.438 | 188.824 | 6.120 | 0.28751 | 2.38579 | 2 | V |
| K09R81S | 18.9 | 0.15 | K20CH | 5.345 | 2.862 | 19.317 | 1.709 | 0.19617 | 2.38716 | 4 | V |
| K09R81T | 16.9 | 0.15 | K20CH | 345.821 | 17.896 | 3.510 | 16.993 | 0.12954 | 3.17669 | 2 | V |
| K09R81U | 19.0 | 0.15 | K20CH | 18.172 | 323.910 | 41.321 | 2.025 | 0.19879 | 2.39292 | 2 | V |
| K09S13B | 17.6 | 0.15 | K20CH | 45.904 | 122.140 | 182.342 | 13.580 | 0.30475 | 3.11423 | 4 | V |
| K09S51J | 18.1 | 0.15 | K20CH | 47.693 | 95.555 | 234.990 | 5.645 | 0.16226 | 2.36823 | 6 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|----|---|
| K09S71D | 17.5 | 0.15 | K20CH | 34.760 | 137.105 | 194.696 | 4.344 | 0.18325 | 3.12244 | 3 | V |
| K09SC0U | 18.6 | 0.15 | K20CH | 30.599 | 122.560 | 225.933 | 2.519 | 0.21687 | 2.38429 | 2 | V |
| K09SC10 | 17.1 | 0.15 | K20CH | 1.833 | 7.788 | 3.071 | 12.753 | 0.15658 | 3.15701 | 2 | V |
| K09SE1X | 19.4 | 0.15 | K20CH | 14.940 | 174.264 | 193.929 | 4.907 | 0.24523 | 2.39016 | 2 | V |
| K09SE5J | 18.9 | 0.15 | K20CH | 331.300 | 304.940 | 115.294 | 2.056 | 0.17439 | 2.38963 | 4 | V |
| K09SI5S | 16.6 | 0.15 | K20CH | 70.453 | 293.893 | 356.817 | 9.355 | 0.21588 | 3.14792 | 9 | V |
| K09SI7Y | 18.3 | 0.15 | K20CH | 342.148 | 308.139 | 92.865 | 3.867 | 0.22438 | 2.41526 | 3 | V |
| K09SL6Y | 18.3 | 0.15 | K20CH | 61.771 | 123.076 | 174.778 | 5.391 | 0.24541 | 2.38386 | 6 | V |
| K09SO0S | 16.2 | 0.15 | K20CH | 42.643 | 316.101 | 346.118 | 27.938 | 0.34185 | 3.14342 | 3 | V |
| K09SQ2F | 17.8 | 0.15 | K20CH | 72.937 | 293.983 | 346.188 | 8.923 | 0.31370 | 2.38304 | 4 | V |
| K09SR5Q | 18.1 | 0.15 | K20CH | 32.312 | 292.263 | 43.114 | 3.097 | 0.21276 | 2.39592 | 8 | V |
| K09SS5N | 16.9 | 0.15 | K20CH | 312.004 | 60.761 | 355.627 | 10.045 | 0.07139 | 3.15443 | 3 | V |
| K09ST8W | 17.5 | 0.15 | K20CH | 29.123 | 94.985 | 226.385 | 12.109 | 0.30791 | 3.15635 | 2 | V |
| K09SU1E | 16.9 | 0.15 | K20CH | 43.373 | 330.601 | 348.737 | 25.217 | 0.08142 | 3.13065 | 2 | V |
| K09SV4L | 18.7 | 0.15 | K20CH | 20.791 | 23.995 | 340.121 | 1.811 | 0.22277 | 2.37995 | 2 | V |
| K09SW2T | 18.4 | 0.15 | K20CH | 50.912 | 266.408 | 49.818 | 2.862 | 0.22460 | 2.37767 | 3 | V |
| K09Sa3T | 16.5 | 0.15 | K20CH | 64.567 | 290.510 | 18.338 | 16.429 | 0.15342 | 3.10294 | 5 | V |
| K09Se0U | 18.2 | 0.15 | K20CH | 35.617 | 171.902 | 161.475 | 3.174 | 0.20763 | 2.37708 | 3 | V |
| K09Se10 | 17.1 | 0.15 | K20CH | 41.255 | 96.884 | 215.069 | 4.268 | 0.22206 | 3.15438 | 7 | V |
| K09Se1Z | 17.2 | 0.15 | K20CH | 20.200 | 191.117 | 156.393 | 1.442 | 0.17672 | 3.13677 | 7 | V |
| K09Se2F | 17.6 | 0.15 | K20CH | 34.207 | 7.004 | 314.148 | 3.500 | 0.21468 | 3.15925 | 5 | V |
| K09Se2M | 18.6 | 0.15 | K20CH | 39.618 | 310.372 | 14.234 | 11.996 | 0.29092 | 2.38354 | 3 | V |
| K09Se2O | 18.4 | 0.15 | K20CH | 39.459 | 310.246 | 26.968 | 7.030 | 0.12770 | 2.38623 | 4 | V |
| K09Se2W | 16.7 | 0.15 | K20CH | 306.791 | 44.428 | 17.530 | 9.812 | 0.06175 | 3.17660 | 5 | V |
| K09Se2X | 17.8 | 0.15 | K20CH | 17.788 | 318.800 | 35.475 | 6.244 | 0.24263 | 3.14623 | 2 | V |
| K09Se3D | 19.3 | 0.15 | K20CH | 44.539 | 318.496 | 7.101 | 1.727 | 0.20241 | 2.39421 | 2 | V |
| K09Se5L | 17.1 | 0.15 | K20CH | 25.504 | 44.789 | 284.766 | 3.902 | 0.21664 | 3.15170 | 4 | V |
| K09Se5M | 18.8 | 0.15 | K20CH | 109.983 | 18.566 | 350.612 | 6.783 | 0.14813 | 2.25975 | 3 | V |
| K09Se5O | 18.8 | 0.15 | K20CH | 327.483 | 36.367 | 37.884 | 4.663 | 0.20967 | 2.40350 | 4 | V |
| K09Se5R | 14.8 | 0.15 | K20CH | 351.324 | 274.950 | 91.185 | 2.440 | 0.07009 | 5.17836 | 3 | V |
| K09Se5S | 14.6 | 0.15 | K20CH | 300.118 | 210.356 | 225.914 | 12.009 | 0.15256 | 5.22835 | 3 | V |
| K09Se5T | 14.4 | 0.15 | K20CH | 300.361 | 215.298 | 216.795 | 12.160 | 0.11133 | 5.18351 | 4 | V |
| K09Se5U | 17.6 | 0.15 | K20CH | 356.911 | 162.311 | 218.301 | 5.559 | 0.18889 | 3.16843 | 4 | V |
| K09Se5V | 18.8 | 0.15 | K20CH | 352.900 | 236.300 | 175.547 | 7.858 | 0.14108 | 2.37680 | 3 | V |
| K09Se5W | 18.0 | 0.15 | K20CH | 9.315 | 185.126 | 181.234 | 2.097 | 0.27306 | 3.15581 | 2 | V |
| K09Se5X | 17.5 | 0.15 | K20CH | 30.756 | 27.251 | 312.834 | 2.211 | 0.29947 | 3.10908 | 3 | V |
| K09Se5Y | 14.3 | 0.15 | K20CH | 310.349 | 12.895 | 32.711 | 7.951 | 0.09132 | 5.19577 | 3 | V |
| K09T11U | 17.7 | 0.15 | K20CH | 20.017 | 359.182 | 29.508 | 24.123 | 0.16075 | 2.37402 | 3 | V |
| K09T38U | 15.6 | 0.15 | K20CH | 40.738 | 259.715 | 74.359 | 16.721 | 0.24528 | 3.13102 | 10 | X |
| K09U23E | 18.4 | 0.15 | K20CH | 32.933 | 319.058 | 36.795 | 3.120 | 0.21335 | 2.37815 | 2 | V |
| K09U50L | 17.6 | 0.15 | K20CH | 353.968 | 228.824 | 151.191 | 2.123 | 0.17558 | 3.18680 | 3 | V |
| K09U94O | 16.7 | 0.15 | K20CH | 351.865 | 359.953 | 35.661 | 18.043 | 0.18582 | 3.15343 | 2 | V |
| K09UE5L | 13.3 | 0.15 | K20CH | 342.679 | 159.305 | 242.165 | 36.011 | 0.04394 | 5.07934 | 7 | X |
| K09UH6Y | 13.8 | 0.15 | K20CH | 48.174 | 99.879 | 234.036 | 17.743 | 0.04065 | 5.12060 | 6 | V |
| K09UH7N | 18.9 | 0.15 | K20CH | 338.915 | 77.758 | 337.168 | 3.283 | 0.21227 | 2.42057 | 5 | V |
| K09UH9C | 18.7 | 0.15 | K20CH | 345.786 | 345.232 | 59.709 | 2.338 | 0.17492 | 2.40170 | 4 | V |
| K09UH9D | 18.7 | 0.15 | K20CH | 310.385 | 357.525 | 86.018 | 2.514 | 0.15769 | 2.42668 | 3 | V |
| K09UH9E | 18.7 | 0.15 | K20CH | 346.730 | 82.788 | 324.742 | 2.096 | 0.16481 | 2.40711 | 2 | V |
| K09UH9F | 14.4 | 0.15 | K20CH | 314.362 | 59.414 | 357.497 | 7.047 | 0.09799 | 5.29832 | 4 | V |
| K09V22J | 18.8 | 0.15 | K20CH | 349.722 | 325.657 | 79.966 | 4.180 | 0.20134 | 2.41812 | 3 | V |
| K09V53F | 18.7 | 0.15 | K20CH | 52.301 | 88.532 | 226.501 | 10.042 | 0.18577 | 2.41448 | 5 | V |
| K09VA4P | 17.9 | 0.15 | K20CH | 0.133 | 155.356 | 256.351 | 18.295 | 0.11107 | 1.96754 | 4 | X |
| K09VC7D | 19.0 | 0.15 | K20CH | 13.305 | 37.254 | 332.713 | 4.133 | 0.24099 | 2.41499 | 4 | V |
| K09VC7Q | 18.7 | 0.15 | K20CH | 27.630 | 286.604 | 84.723 | 2.431 | 0.19685 | 2.38475 | 4 | V |
| K09WG4J | 17.8 | 0.15 | K20CH | 6.087 | 113.176 | 261.289 | 5.248 | 0.27365 | 3.21074 | 2 | V |
| K09WS9Z | 18.9 | 0.15 | K20CH | 345.624 | 332.039 | 77.071 | 6.543 | 0.18353 | 2.42887 | 3 | V |
| K09WT0O | 17.1 | 0.15 | K20CH | 345.176 | 148.560 | 248.301 | 13.456 | 0.25501 | 3.21177 | 3 | V |
| K10A84D | 16.3 | 0.15 | K20CH | 313.567 | 147.208 | 295.516 | 22.658 | 0.06419 | 2.57637 | 10 | X |
| K10CO3J | 13.3 | 0.15 | K20CH | 4.998 | 131.493 | 253.207 | 27.100 | 0.11793 | 5.14054 | 3 | X |
| K10D12U | 13.5 | 0.15 | K20CH | 350.716 | 84.514 | 322.418 | 22.475 | 0.09887 | 5.23951 | 7 | X |
| K10E59Q | 15.7 | 0.15 | K20CH | 4.883 | 163.697 | 293.440 | 27.254 | 0.13578 | 3.08519 | 8 | X |
| K10HE0A | 17.4 | 0.15 | K20CH | 344.864 | 181.519 | 117.857 | 5.858 | 0.10351 | 2.89606 | 6 | V |
| K10JL4Y | 18.7 | 0.15 | K20CH | 92.864 | 124.188 | 127.238 | 7.591 | 0.19281 | 2.18280 | 4 | V |
| K10LC2H | 16.8 | 0.15 | K20CH | 346.394 | 283.668 | 86.459 | 17.951 | 0.26929 | 2.99711 | 5 | V |
| K10LD9F | 17.2 | 0.15 | K20CH | 65.874 | 27.801 | 284.608 | 14.084 | 0.17414 | 2.62622 | 7 | V |
| K10M85V | 16.4 | 0.15 | K20CH | 263.583 | 154.003 | 280.237 | 13.277 | 0.03076 | 3.05397 | 7 | V |
| K10MF0B | 19.2 | 0.15 | K20CH | 46.626 | 9.159 | 307.478 | 7.024 | 0.31225 | 2.23231 | 2 | V |
| K10R10Z | 18.6 | 0.15 | K20CH | 71.105 | 320.671 | 329.667 | 4.710 | 0.16059 | 2.24683 | 3 | V |
| K10RH6K | 19.5 | 0.15 | K20CH | 24.402 | 29.991 | 308.058 | 1.949 | 0.23301 | 2.25702 | 3 | V |
| K10RK8C | 19.3 | 0.15 | K20CH | 47.199 | 117.651 | 177.546 | 3.321 | 0.23520 | 2.25139 | 4 | V |
| K10RK9M | 17.0 | 0.15 | K20CH | 263.524 | 239.879 | 227.286 | 8.877 | 0.02427 | 2.97559 | 4 | V |
| K10RL0U | 16.8 | 0.15 | K20CH | 16.307 | 285.553 | 349.465 | 13.784 | 0.28625 | 3.05640 | 3 | V |
| K10RL0V | 19.0 | 0.15 | K20CH | 181.151 | 20.491 | 196.397 | 21.432 | 0.03160 | 1.85007 | 3 | V |
| K10S57H | 18.8 | 0.15 | K20CH | 236.931 | 292.988 | 107.948 | 1.728 | 0.18653 | 2.41838 | 3 | V |
| K10T77E | 18.3 | 0.15 | K20CH | 53.324 | 46.894 | 278.748 | 5.222 | 0.13514 | 2.24239 | 8 | V |
| K10T95U | 18.9 | 0.15 | K20CH | 0.719 | 240.432 | 153.378 | 3.382 | 0.19772 | 2.23952 | 3 | V |
| K10TL4H | 18.0 | 0.15 | K20CH | 90.100 | 350.104 | 264.305 | 6.110 | 0.08739 | 2.31638 | 7 | V |
| K10TL8A | 17.3 | 0.15 | K20CH | 47.725 | 76.955 | 258.945 | 8.106 | 0.17962 | 2.92162 | 3 | V |
| K10TL8V | 17.1 | 0.15 | K20CH | 7.201 | 28.266 | 340.840 | 5.373 | 0.09438 | 3.01896 | 4 | V |
| K10TL8Y | 18.8 | 0.15 | K20CH | 50.897 | 73.519 | 248.175 | 2.763 | 0.24437 | 2.23813 | 2 | V |
| K10TL8Z | 16.8 | 0.15 | K20CH | 96.613 | 279.975 | 345.673 | 5.715 | 0.10410 | 3.05834 | 3 | V |
| K10U18E | 17.2 | 0.15 | K20CH | 265.231 | 45.352 | 216.725 | 14.428 | 0.09058 | 2.62266 | 7 | X |
| K10UC4C | 17.3 | 0.15 | K20CH | 18.574 | 297.087 | 44.223 | 10.195 | 0.10918 | 3.03496 | 4 | V |
| K10UC4D | 16.8 | 0.15 | K20CH | 256.939 | 198.436 | 231.111 | 7.798 | 0.09923 | 3.20265 | 3 | V |
| K10UC4E | 16.7 | 0.15 | K20CH | 171.880 | 316.997 | 244.201 | 9.848 | 0.01784 | 2.99348 | 3 | V |
| K10UC4F | 18.7 | 0.15 | K20CH | 353.895 | 176.553 | 219.586 | 4.971 | 0.07593 | 2.26187 | 4 | V |
| K10UC4G | 16.9 | 0.15 | K20CH | 10.888 | 112.563 | 246.181 | 9.686 | 0.05426 | 3.04589 | 3 | V |
| K10UC4H | 18.9 | 0.15 | K20CH | 2.481 | 334.188 | 36.449 | 3.840 | 0.10954 | 2.28415 | 4 | V |
| K10UC4J | 16.2 | 0.15 | K20CH | 92.239 | 1.514 | 272.616 | 10.516 | 0.08575 | 2.99088 | 3 | V |
| K10V43Z | 17.4 | 0.15 | K20CH | 16.171 | 99.229 | 234.860 | 9.884 | 0.08583 | 3.04840 | 3 | V |
| K10V69Y | 14.1 | 0.15 | K20CH | 287.412 | 180.387 | 242.177 | 8.174 | 0.10023 | 5.29296 | 4 | V |
| K10VC3B | 16.9 | 0.15 | K20CH | 3.086 | 100.588 | 249.768 | 9.401 | 0.12637 | 3.07416 | 3 | V |
| K10VO9C | 17.5 | 0.15 | K20CH | 213.634 | 100.750 | 283.071 | 15.515 | 0.16171 | 2.56700 | 4 | X |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|----|---|
| K10VP3H | 16.5 | 0.15 | K20CH | 336.251 | 115.180 | 251.594 | 7.921 | 0.12376 | 3.14133 | 5 | V |
| K10VP5W | 17.5 | 0.15 | K20CH | 331.781 | 195.662 | 203.747 | 2.027 | 0.11640 | 3.05318 | 3 | V |
| K10VP7S | 16.9 | 0.15 | K20CH | 326.454 | 189.642 | 217.598 | 9.259 | 0.04641 | 3.05949 | 6 | V |
| K10VP7U | 16.9 | 0.15 | K20CH | 39.037 | 339.153 | 4.465 | 12.153 | 0.09040 | 2.98496 | 3 | V |
| K10VP7W | 14.5 | 0.15 | K20CH | 293.083 | 147.214 | 293.964 | 7.719 | 0.12380 | 5.21732 | 2 | V |
| K10VP7X | 18.7 | 0.15 | K20CH | 350.534 | 292.467 | 104.946 | 4.195 | 0.20841 | 2.28019 | 2 | V |
| K10VP7Y | 14.1 | 0.15 | K20CH | 304.271 | 172.028 | 241.073 | 21.519 | 0.09530 | 5.18051 | 3 | V |
| K10VP7Z | 18.0 | 0.15 | K20CH | 16.452 | 88.654 | 266.446 | 12.604 | 0.23407 | 2.99801 | 2 | V |
| K10VP8A | 17.2 | 0.15 | K20CH | 332.271 | 217.280 | 192.020 | 9.638 | 0.09669 | 3.01151 | 4 | V |
| K10VP8B | 17.1 | 0.15 | K20CH | 21.014 | 155.226 | 198.181 | 10.599 | 0.08626 | 3.02802 | 3 | V |
| K10X96O | 18.4 | 0.15 | K20CH | 239.260 | 228.029 | 305.709 | 17.793 | 0.07705 | 1.91139 | 4 | X |
| K10XA1D | 18.4 | 0.15 | K20CH | 8.657 | 272.518 | 87.768 | 7.651 | 0.14320 | 2.31097 | 3 | V |
| K10XB3B | 16.3 | 0.15 | K20CH | 178.804 | 289.129 | 255.568 | 15.399 | 0.04829 | 3.04460 | 3 | V |
| K11A78V | 17.6 | 0.15 | K20CH | 329.103 | 256.704 | 162.986 | 7.263 | 0.17687 | 3.05830 | 3 | V |
| K11B11E | 15.2 | 0.15 | K20CH | 258.432 | 192.039 | 319.408 | 21.247 | 0.12240 | 3.18156 | 8 | X |
| K11BJ8K | 17.5 | 0.15 | K20CH | 290.218 | 55.759 | 121.719 | 11.799 | 0.26110 | 3.02115 | 3 | V |
| K11BJ8M | 17.7 | 0.15 | K20CH | 63.483 | 175.206 | 306.731 | 10.666 | 0.03419 | 2.77172 | 3 | V |
| K11C28D | 15.8 | 0.15 | K20CH | 105.614 | 345.769 | 303.316 | 19.004 | 0.04642 | 3.16271 | 10 | X |
| K11C50C | 18.0 | 0.15 | K20CH | 105.679 | 310.164 | 344.555 | 17.965 | 0.08080 | 1.91953 | 8 | X |
| K11C73H | 17.8 | 0.15 | K20CH | 140.776 | 277.675 | 344.225 | 19.874 | 0.05541 | 1.92127 | 9 | X |
| K11CD3K | 18.2 | 0.15 | K20CH | 69.695 | 213.151 | 343.523 | 11.660 | 0.21358 | 2.63928 | 3 | V |
| K11CD3L | 17.5 | 0.15 | K20CH | 334.984 | 113.937 | 298.028 | 14.785 | 0.21727 | 3.17283 | 2 | V |
| K11D03M | 16.8 | 0.15 | K20CH | 11.787 | 58.931 | 334.430 | 18.693 | 0.02172 | 2.36123 | 8 | X |
| K11EA4M | 17.1 | 0.15 | K20CH | 331.256 | 322.360 | 178.895 | 9.550 | 0.10280 | 3.04226 | 3 | V |
| K11J37R | 18.1 | 0.15 | K20CH | 67.930 | 35.369 | 171.630 | 8.838 | 0.12180 | 2.72033 | 3 | V |
| K11K56F | 17.6 | 0.15 | K20CH | 92.988 | 358.801 | 233.696 | 6.498 | 0.13838 | 2.63083 | 5 | V |
| K11K57B | 18.1 | 0.15 | K20CH | 66.007 | 78.348 | 212.129 | 9.428 | 0.24057 | 2.60567 | 3 | V |
| K11K57C | 17.5 | 0.15 | K20CH | 5.583 | 202.834 | 84.905 | 7.132 | 0.11140 | 2.73850 | 8 | V |
| K11K57D | 15.6 | 0.15 | K20CH | 46.143 | 10.796 | 278.016 | 7.745 | 0.23226 | 3.99100 | 2 | V |
| K11N06C | 17.7 | 0.15 | K20CH | 32.391 | 82.918 | 261.162 | 3.916 | 0.04234 | 2.65668 | 4 | V |
| K11O72R | 17.6 | 0.15 | K20CH | 358.507 | 70.412 | 284.063 | 5.027 | 0.02873 | 2.73135 | 3 | V |
| K11R31K | 17.4 | 0.15 | K20CH | 4.871 | 36.322 | 340.224 | 13.148 | 0.13909 | 2.72248 | 5 | V |
| K11R31N | 17.4 | 0.15 | K20CH | 46.607 | 192.801 | 136.092 | 6.461 | 0.19022 | 2.72160 | 8 | V |
| K11R31O | 18.6 | 0.15 | K20CH | 193.219 | 277.522 | 40.117 | 4.091 | 0.20167 | 2.42245 | 3 | V |
| K11R31P | 18.2 | 0.15 | K20CH | 16.388 | 33.066 | 327.270 | 7.784 | 0.17604 | 2.71969 | 2 | V |
| K11R31Q | 17.7 | 0.15 | K20CH | 36.970 | 20.393 | 318.462 | 5.333 | 0.06343 | 2.71517 | 4 | V |
| K11R31R | 17.9 | 0.15 | K20CH | 348.426 | 171.015 | 225.908 | 2.823 | 0.19771 | 2.74627 | 2 | V |
| K11S03M | 16.9 | 0.15 | K20CH | 47.342 | 0.172 | 328.588 | 16.438 | 0.26798 | 2.68765 | 5 | X |
| K11S99M | 18.3 | 0.15 | K20CH | 12.280 | 331.723 | 26.354 | 3.883 | 0.10991 | 2.76650 | 3 | V |
| K11SM2Y | 17.5 | 0.15 | K20CH | 356.021 | 204.067 | 161.329 | 11.893 | 0.23288 | 2.77787 | 3 | V |
| K11SQ6A | 17.6 | 0.15 | K20CH | 86.744 | 327.914 | 322.356 | 11.930 | 0.16818 | 2.66268 | 3 | V |
| K11ST4M | 18.0 | 0.15 | K20CH | 337.873 | 4.806 | 64.974 | 4.790 | 0.26098 | 2.74759 | 3 | V |
| K11SV2R | 18.0 | 0.15 | K20CH | 2.044 | 84.997 | 271.641 | 6.997 | 0.21876 | 2.77321 | 3 | V |
| K11SV3B | 18.0 | 0.15 | K20CH | 343.830 | 35.864 | 8.267 | 6.859 | 0.15592 | 2.73493 | 3 | V |
| K11SV6Q | 18.6 | 0.15 | K20CH | 345.445 | 232.772 | 172.254 | 12.287 | 0.27206 | 2.71977 | 3 | V |
| K11SW0J | 17.5 | 0.15 | K20CH | 25.202 | 123.322 | 222.965 | 6.734 | 0.24156 | 2.73473 | 4 | V |
| K11SW0M | 17.2 | 0.15 | K20CH | 322.631 | 257.842 | 158.520 | 5.080 | 0.02600 | 2.78366 | 5 | V |
| K11SW0N | 16.6 | 0.15 | K20CH | 277.957 | 75.226 | 273.893 | 8.792 | 0.08279 | 3.04777 | 10 | V |
| K11SW0Q | 18.0 | 0.15 | K20CH | 92.372 | 105.543 | 195.285 | 8.402 | 0.18006 | 2.68422 | 3 | V |
| K11SW0R | 16.8 | 0.15 | K20CH | 253.075 | 232.090 | 142.979 | 11.230 | 0.02246 | 3.13648 | 6 | V |
| K11SW0T | 18.5 | 0.15 | K20CH | 204.631 | 168.255 | 175.725 | 3.918 | 0.14931 | 2.36429 | 3 | V |
| K11SW0U | 17.4 | 0.15 | K20CH | 199.149 | 29.531 | 356.549 | 12.462 | 0.15981 | 3.19790 | 3 | V |
| K11SW0V | 17.6 | 0.15 | K20CH | 350.108 | 21.034 | 3.614 | 3.632 | 0.13408 | 2.77970 | 3 | V |
| K11SW0X | 18.1 | 0.15 | K20CH | 9.914 | 168.362 | 201.946 | 7.840 | 0.22883 | 2.76596 | 2 | V |
| K11SW0Y | 18.5 | 0.15 | K20CH | 13.732 | 80.257 | 276.817 | 1.387 | 0.11246 | 2.71740 | 2 | V |
| K11SW0Z | 17.6 | 0.15 | K20CH | 53.514 | 268.801 | 56.711 | 6.113 | 0.08013 | 2.75088 | 4 | V |
| K11SW1A | 17.3 | 0.15 | K20CH | 350.896 | 6.176 | 11.910 | 14.927 | 0.09039 | 2.77705 | 3 | V |
| K11SW1B | 18.3 | 0.15 | K20CH | 352.850 | 212.946 | 187.329 | 6.557 | 0.15651 | 2.70966 | 3 | V |
| K11SW1C | 17.8 | 0.15 | K20CH | 52.689 | 187.644 | 112.744 | 4.444 | 0.09559 | 2.80680 | 2 | V |
| K11T21D | 17.4 | 0.15 | K20CH | 341.495 | 147.313 | 257.162 | 4.581 | 0.07578 | 2.76249 | 5 | V |
| K11T21E | 17.7 | 0.15 | K20CH | 340.879 | 22.672 | 7.537 | 5.110 | 0.05841 | 2.77672 | 7 | V |
| K11U92S | 19.1 | 0.15 | K20CH | 2.510 | 358.524 | 24.827 | 2.959 | 0.20943 | 2.75818 | 2 | V |
| K11UB7V | 17.4 | 0.15 | K20CH | 26.752 | 2.386 | 357.872 | 14.280 | 0.26150 | 2.69654 | 3 | V |
| K11UM3N | 17.3 | 0.15 | K20CH | 52.675 | 99.164 | 196.370 | 4.786 | 0.10039 | 2.82942 | 8 | V |
| K11US7M | 17.5 | 0.15 | K20CH | 21.894 | 73.096 | 303.151 | 5.288 | 0.04397 | 2.74453 | 3 | V |
| K11US8H | 17.6 | 0.15 | K20CH | 12.095 | 271.794 | 99.883 | 6.048 | 0.12641 | 2.76946 | 4 | V |
| K11UW3Z | 16.9 | 0.15 | K20CH | 8.802 | 260.901 | 124.499 | 15.274 | 0.10499 | 2.76535 | 5 | V |
| K11Uk0G | 17.5 | 0.15 | K20CH | 358.391 | 159.634 | 238.005 | 29.196 | 0.20222 | 2.77117 | 2 | X |
| K11Uk0H | 16.8 | 0.15 | K20CH | 358.615 | 21.969 | 256.250 | 8.720 | 0.04400 | 3.13111 | 4 | V |
| K11Uk0P | 17.5 | 0.15 | K20CH | 302.223 | 259.678 | 177.621 | 1.944 | 0.04659 | 2.84777 | 3 | V |
| K11Uk0Q | 16.9 | 0.15 | K20CH | 5.376 | 55.020 | 324.991 | 6.296 | 0.14285 | 2.80225 | 5 | V |
| K11Uk0R | 18.2 | 0.15 | K20CH | 5.483 | 274.082 | 93.206 | 8.525 | 0.24319 | 2.81111 | 2 | V |
| K11Uk0S | 17.8 | 0.15 | K20CH | 45.699 | 123.402 | 203.295 | 2.744 | 0.09371 | 2.76385 | 3 | V |
| K11Uk0T | 18.0 | 0.15 | K20CH | 334.998 | 85.034 | 330.533 | 8.006 | 0.19866 | 2.78605 | 2 | V |
| K11V31T | 18.3 | 0.15 | K20CH | 2.501 | 51.245 | 333.561 | 6.998 | 0.23237 | 2.77763 | 3 | V |
| K11V31U | 17.9 | 0.15 | K20CH | 5.016 | 184.930 | 203.994 | 13.078 | 0.20971 | 2.76993 | 2 | V |
| K11V31V | 18.0 | 0.15 | K20CH | 0.204 | 161.166 | 221.833 | 4.419 | 0.16639 | 2.78148 | 2 | V |
| K11W88G | 17.5 | 0.15 | K20CH | 346.436 | 153.282 | 250.292 | 15.234 | 0.31485 | 2.80712 | 4 | V |
| K11WH7A | 17.6 | 0.15 | K20CH | 11.979 | 106.832 | 259.650 | 6.181 | 0.07696 | 2.85671 | 2 | V |
| K11WH7B | 16.8 | 0.15 | K20CH | 301.576 | 114.643 | 298.256 | 10.524 | 0.05364 | 2.91596 | 2 | V |
| K12A28H | 16.5 | 0.15 | K20CH | 164.708 | 254.762 | 293.298 | 15.735 | 0.09554 | 3.12069 | 3 | V |
| K12A32X | 17.1 | 0.15 | K20CH | 303.398 | 277.969 | 160.309 | 10.761 | 0.14316 | 2.94221 | 3 | V |
| K12BC6G | 15.3 | 0.15 | K20CH | 162.585 | 279.420 | 310.244 | 21.039 | 0.08350 | 3.04101 | 5 | X |
| K12BE2Q | 13.4 | 0.15 | K20CH | 300.227 | 167.099 | 286.486 | 19.675 | 0.04936 | 5.15048 | 9 | X |
| K12BE8V | 16.8 | 0.15 | K20CH | 268.776 | 353.416 | 92.605 | 8.044 | 0.12266 | 3.08449 | 4 | V |
| K12BH7Z | 15.9 | 0.15 | K20CH | 192.442 | 176.370 | 338.329 | 27.301 | 0.09025 | 3.15229 | 3 | V |
| K12BH8V | 19.1 | 0.15 | K20CH | 139.546 | 59.115 | 81.870 | 2.307 | 0.10798 | 2.38416 | 3 | V |
| K12BH8W | 16.6 | 0.15 | K20CH | 160.547 | 295.479 | 268.817 | 8.056 | 0.04390 | 3.16096 | 4 | V |
| K12BH8X | 18.4 | 0.15 | K20CH | 126.876 | 302.175 | 303.561 | 2.084 | 0.10054 | 2.22899 | 5 | V |
| K12BH8Y | 17.2 | 0.15 | K20CH | 283.910 | 313.896 | 132.765 | 10.057 | 0.10006 | 3.04028 | 2 | V |
| K12DC0U | 16.8 | 0.15 | K20CH | 253.114 | 143.240 | 335.947 | 14.215 | 0.09901 | 3.09517 | 3 | V |
| K12DC0V | 16.7 | 0.15 | K20CH | 35.384 | 355.726 | 340.341 | 15.761 | 0.06412 | 3.12513 | 2 | V |
| K12E27Q | 17.1 | 0.15 | K20CH | 323.824 | 261.654 | 163.825 | 13.324 | 0.26265 | 3.00741 | 4 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K12E27S | 16.6 | 0.15 | K20CH | 171.102 | 212.692 | 351.111 | 16.858 | 0.04043 | 3.14733 | 4 | V |
| K12FA3F | 17.3 | 0.15 | K20CH | 190.646 | 25.773 | 178.934 | 0.821 | 0.12971 | 3.14494 | 3 | V |
| K12J71D | 18.5 | 0.15 | K20CH | 0.827 | 205.076 | 77.582 | 5.364 | 0.21264 | 2.56559 | 3 | V |
| K12K61M | 18.4 | 0.15 | K20CH | 63.355 | 192.673 | 101.439 | 11.587 | 0.25103 | 2.43565 | 3 | V |
| K12N00S | 18.9 | 0.15 | K20CH | 80.354 | 356.121 | 286.084 | 17.014 | 0.02721 | 1.91314 | 3 | V |
| K12P39G | 17.2 | 0.15 | K20CH | 329.026 | 134.068 | 248.843 | 13.957 | 0.10513 | 2.54914 | 5 | V |
| K12P55Z | 13.9 | 0.15 | K20CH | 290.361 | 14.441 | 303.387 | 13.822 | 0.01963 | 5.23191 | 5 | V |
| K12P56A | 18.2 | 0.15 | K20CH | 352.187 | 260.861 | 117.304 | 5.257 | 0.14177 | 2.52973 | 4 | V |
| K12P56B | 18.4 | 0.15 | K20CH | 48.849 | 114.032 | 216.047 | 1.245 | 0.17279 | 2.47689 | 3 | V |
| K12Q24M | 18.8 | 0.15 | K20CH | 38.655 | 35.382 | 338.259 | 19.144 | 0.07494 | 1.89890 | 4 | V |
| K12Q60G | 18.7 | 0.15 | K20CH | 8.540 | 53.253 | 350.222 | 19.469 | 0.09533 | 1.89572 | 4 | X |
| K12Q66L | 18.7 | 0.15 | K20CH | 110.623 | 315.187 | 333.963 | 19.043 | 0.07863 | 1.88366 | 5 | X |
| K12Q67K | 17.3 | 0.15 | K20CH | 4.392 | 310.618 | 331.784 | 16.557 | 0.30578 | 2.67345 | 3 | V |
| K12Q67L | 16.0 | 0.15 | K20CH | 52.998 | 344.012 | 313.575 | 12.881 | 0.19005 | 3.96822 | 2 | V |
| K12Q67M | 17.4 | 0.15 | K20CH | 282.565 | 260.445 | 198.883 | 13.027 | 0.12972 | 2.53710 | 3 | V |
| K12R48F | 16.7 | 0.15 | K20CH | 309.753 | 11.567 | 333.573 | 12.982 | 0.18625 | 2.75277 | 3 | V |
| K12R48H | 18.4 | 0.15 | K20CH | 33.076 | 130.286 | 199.521 | 13.259 | 0.12266 | 2.52391 | 3 | V |
| K12S63L | 18.9 | 0.15 | K20CH | 50.085 | 2.890 | 356.013 | 19.757 | 0.08586 | 1.90627 | 3 | V |
| K12S90J | 18.4 | 0.15 | K20CH | 346.688 | 357.452 | 29.828 | 2.886 | 0.13672 | 2.59447 | 3 | V |
| K12Ta2E | 17.1 | 0.15 | K20CH | 321.599 | 165.377 | 285.258 | 16.469 | 0.15498 | 2.53074 | 3 | X |
| K12Ta4F | 17.3 | 0.15 | K20CH | 339.918 | 314.731 | 341.905 | 7.459 | 0.06864 | 2.84048 | 7 | V |
| K12Ta4J | 18.1 | 0.15 | K20CH | 326.495 | 70.612 | 310.904 | 11.194 | 0.14058 | 2.64298 | 3 | V |
| K12Ta4K | 18.4 | 0.15 | K20CH | 67.613 | 81.765 | 211.938 | 7.665 | 0.16055 | 2.56159 | 2 | V |
| K12Ta4L | 17.9 | 0.15 | K20CH | 349.314 | 4.268 | 38.278 | 4.364 | 0.06892 | 2.54119 | 3 | V |
| K12U98E | 16.3 | 0.15 | K20CH | 300.457 | 234.608 | 241.326 | 30.500 | 0.28852 | 2.61057 | 5 | X |
| K12UK5T | 18.0 | 0.15 | K20CH | 325.872 | 192.607 | 224.927 | 7.435 | 0.10643 | 2.61905 | 3 | V |
| K12UM1Z | 17.3 | 0.15 | K20CH | 357.514 | 174.648 | 114.568 | 5.460 | 0.03835 | 2.80601 | 5 | V |
| K12UM2C | 17.5 | 0.15 | K20CH | 267.283 | 345.288 | 69.805 | 3.410 | 0.05040 | 2.75145 | 3 | V |
| K12UM2E | 17.4 | 0.15 | K20CH | 162.976 | 4.089 | 68.078 | 11.669 | 0.17523 | 3.07043 | 3 | V |
| K12UM2K | 16.8 | 0.15 | K20CH | 106.981 | 272.798 | 222.447 | 19.278 | 0.31064 | 3.11834 | 3 | V |
| K12VC9P | 18.1 | 0.15 | K20CH | 318.327 | 254.585 | 159.376 | 4.145 | 0.20878 | 2.63436 | 3 | V |
| K12W41S | 17.9 | 0.15 | K20CH | 0.862 | 266.307 | 96.167 | 4.275 | 0.12023 | 2.64809 | 3 | V |
| K12X42A | 17.7 | 0.15 | K20CH | 335.646 | 334.426 | 67.916 | 0.901 | 0.08941 | 2.65453 | 8 | V |
| K12X65Q | 17.5 | 0.15 | K20CH | 34.144 | 96.392 | 242.861 | 27.427 | 0.33348 | 2.58582 | 4 | X |
| K12XB4W | 16.4 | 0.15 | K20CH | 337.642 | 155.248 | 265.964 | 21.129 | 0.04360 | 2.66812 | 7 | X |
| K12XH2A | 17.9 | 0.15 | K20CH | 338.582 | 103.348 | 302.807 | 4.666 | 0.04559 | 2.64609 | 2 | V |
| K12Y19M | 18.0 | 0.15 | K20CH | 353.584 | 81.038 | 304.308 | 4.991 | 0.06433 | 2.72606 | 3 | V |
| K12Y19O | 16.3 | 0.15 | K20CH | 219.635 | 290.807 | 122.557 | 13.571 | 0.20759 | 3.09983 | 7 | V |
| K13AA1P | 17.8 | 0.15 | K20CH | 306.600 | 198.560 | 268.063 | 18.204 | 0.07407 | 1.98914 | 5 | X |
| K13AA4V | 18.1 | 0.15 | K20CH | 298.730 | 167.595 | 313.171 | 16.391 | 0.09651 | 1.98196 | 8 | X |
| K13AJ9K | 17.4 | 0.15 | K20CH | 326.494 | 85.922 | 331.298 | 13.430 | 0.06064 | 2.71893 | 5 | V |
| K13AJ9M | 14.3 | 0.15 | K20CH | 293.436 | 146.793 | 284.918 | 19.928 | 0.07622 | 5.10644 | 3 | V |
| K13AJ9N | 14.3 | 0.15 | K20CH | 296.547 | 126.795 | 298.546 | 5.998 | 0.00829 | 5.30956 | 2 | V |
| K13AJ9O | 18.0 | 0.15 | K20CH | 357.901 | 82.278 | 304.986 | 23.219 | 0.24202 | 2.70610 | 2 | V |
| K13B96B | 16.6 | 0.15 | K20CH | 324.423 | 173.932 | 140.613 | 12.065 | 0.06799 | 3.11408 | 4 | V |
| K13B96C | 17.5 | 0.15 | K20CH | 347.660 | 133.285 | 264.278 | 4.790 | 0.06878 | 2.71754 | 7 | V |
| K13B96D | 16.8 | 0.15 | K20CH | 34.300 | 102.495 | 132.330 | 11.579 | 0.04392 | 3.16833 | 4 | V |
| K13B96G | 17.4 | 0.15 | K20CH | 328.145 | 227.690 | 184.970 | 5.680 | 0.02204 | 2.74038 | 4 | V |
| K13CN5M | 17.1 | 0.15 | K20CH | 75.722 | 252.977 | 349.332 | 9.174 | 0.24555 | 3.15452 | 3 | V |
| K13CO5P | 16.8 | 0.15 | K20CH | 53.040 | 73.330 | 169.568 | 9.742 | 0.04074 | 3.20329 | 3 | V |
| K13CO5Q | 17.5 | 0.15 | K20CH | 347.907 | 120.690 | 287.569 | 5.350 | 0.08591 | 2.73399 | 2 | V |
| K13CO5R | 16.7 | 0.15 | K20CH | 72.044 | 349.704 | 306.326 | 10.581 | 0.09489 | 2.89422 | 5 | V |
| K13D21E | 16.9 | 0.15 | K20CH | 27.180 | 94.659 | 164.270 | 10.594 | 0.00735 | 3.19062 | 4 | V |
| K13D21F | 17.2 | 0.15 | K20CH | 15.645 | 44.764 | 342.526 | 12.117 | 0.20492 | 2.72334 | 2 | V |
| K13E45W | 17.1 | 0.15 | K20CH | 354.417 | 50.537 | 342.529 | 8.777 | 0.13423 | 2.83129 | 4 | V |
| K13E46O | 17.2 | 0.15 | K20CH | 302.524 | 114.174 | 324.247 | 1.132 | 0.04156 | 2.87135 | 9 | V |
| K13E87U | 16.9 | 0.15 | K20CH | 124.317 | 179.426 | 31.130 | 14.901 | 0.19302 | 3.10854 | 3 | V |
| K13F35Y | 19.2 | 0.15 | K20CH | 58.429 | 154.184 | 79.934 | 2.694 | 0.14304 | 2.28762 | 4 | V |
| K13F35Z | 18.8 | 0.15 | K20CH | 27.931 | 168.295 | 45.020 | 3.638 | 0.15254 | 2.36103 | 2 | V |
| K13F36A | 16.7 | 0.15 | K20CH | 24.789 | 69.449 | 186.978 | 10.215 | 0.03159 | 3.36054 | 4 | V |
| K13GA8Q | 18.5 | 0.15 | K20CH | 80.464 | 205.016 | 44.694 | 6.175 | 0.27420 | 2.25004 | 3 | V |
| K13GF6B | 17.2 | 0.15 | K20CH | 51.004 | 299.969 | 356.138 | 14.959 | 0.20570 | 3.10104 | 2 | V |
| K13H76B | 17.4 | 0.15 | K20CH | 67.528 | 70.543 | 232.004 | 7.246 | 0.09129 | 3.07714 | 3 | V |
| K13J76U | 17.0 | 0.15 | K20CH | 113.444 | 25.006 | 227.836 | 12.843 | 0.01409 | 3.09622 | 2 | V |
| K13K21F | 16.6 | 0.15 | K20CH | 134.818 | 349.972 | 243.200 | 8.526 | 0.05687 | 3.14164 | 4 | V |
| K13L41L | 19.4 | 0.15 | K20CH | 54.933 | 94.290 | 189.696 | 3.867 | 0.21400 | 2.26326 | 2 | V |
| K13M18T | 18.4 | 0.15 | K20CH | 46.253 | 152.183 | 140.894 | 5.734 | 0.24212 | 2.31956 | 4 | V |
| K13M19R | 18.9 | 0.15 | K20CH | 345.653 | 156.872 | 124.849 | 24.416 | 0.04167 | 1.87163 | 3 | V |
| K13N38T | 18.9 | 0.15 | K20CH | 63.277 | 98.488 | 176.767 | 1.842 | 0.21003 | 2.29574 | 3 | V |
| K13N51A | 19.4 | 0.15 | K20CH | 34.933 | 205.657 | 115.208 | 6.422 | 0.21144 | 2.29762 | 2 | V |
| K13N55H | 17.5 | 0.15 | K20CH | 302.879 | 314.893 | 312.981 | 31.675 | 0.24505 | 2.59977 | 3 | V |
| K13N55K | 17.8 | 0.15 | K20CH | 334.029 | 171.971 | 121.611 | 6.948 | 0.20274 | 2.48051 | 3 | V |
| K13N55N | 19.0 | 0.15 | K20CH | 56.600 | 70.079 | 247.931 | 4.337 | 0.19053 | 2.24815 | 3 | V |
| K13P06Y | 19.3 | 0.15 | K20CH | 15.147 | 194.088 | 196.895 | 3.421 | 0.46388 | 2.28307 | 4 | X |
| K13P27K | 18.7 | 0.15 | K20CH | 59.570 | 350.167 | 303.554 | 5.760 | 0.25076 | 2.30489 | 2 | V |
| K13P35X | 17.3 | 0.15 | K20CH | 86.763 | 318.399 | 322.896 | 25.295 | 0.22228 | 2.26429 | 6 | X |
| K13PA9J | 18.6 | 0.15 | K20CH | 101.782 | 336.246 | 299.216 | 5.159 | 0.18465 | 2.25091 | 3 | V |
| K13QA0L | 18.4 | 0.15 | K20CH | 4.611 | 50.070 | 312.389 | 3.392 | 0.23056 | 2.34506 | 4 | V |
| K13QA1O | 18.6 | 0.15 | K20CH | 53.427 | 286.044 | 37.524 | 6.051 | 0.23614 | 2.28539 | 3 | V |
| K13QA1P | 19.6 | 0.15 | K20CH | 11.554 | 59.650 | 313.950 | 4.545 | 0.21474 | 2.29519 | 2 | V |
| K13R86B | 19.2 | 0.15 | K20CH | 15.787 | 139.099 | 214.513 | 5.629 | 0.15806 | 2.34514 | 3 | V |
| K13RE1C | 19.1 | 0.15 | K20CH | 2.988 | 223.200 | 188.185 | 5.632 | 0.21352 | 2.27556 | 2 | V |
| K13RE1G | 18.2 | 0.15 | K20CH | 333.442 | 288.911 | 11.736 | 10.778 | 0.12983 | 2.55714 | 3 | V |
| K13RE1K | 18.5 | 0.15 | K20CH | 343.246 | 26.540 | 2.561 | 11.485 | 0.08159 | 2.34212 | 3 | V |
| K13RE1L | 18.7 | 0.15 | K20CH | 80.934 | 95.731 | 185.820 | 1.984 | 0.17725 | 2.32742 | 3 | V |
| K13RE1M | 19.1 | 0.15 | K20CH | 54.286 | 285.915 | 28.610 | 1.617 | 0.18570 | 2.32114 | 2 | V |
| K13S11G | 19.4 | 0.15 | K20CH | 40.810 | 336.803 | 352.978 | 6.578 | 0.31064 | 2.29427 | 3 | V |
| K13S80H | 19.0 | 0.15 | K20CH | 343.312 | 139.347 | 266.633 | 1.453 | 0.20934 | 2.33554 | 3 | V |
| K13S88F | 18.6 | 0.15 | K20CH | 82.519 | 329.537 | 318.038 | 5.571 | 0.10924 | 2.30301 | 3 | V |
| K13SA9M | 18.1 | 0.15 | K20CH | 356.553 | 3.346 | 17.223 | 8.450 | 0.12933 | 2.30952 | 3 | V |
| K13TH7P | 17.1 | 0.15 | K20CH | 16.553 | 133.227 | 254.081 | 21.624 | 0.18622 | 2.29701 | 4 | X |
| K13TK9K | 17.4 | 0.15 | K20CH | 169.062 | 88.569 | 16.906 | 22.278 | 0.05391 | 2.62049 | 5 | V |
| K13TK9P | 15.6 | 0.15 | K20CH | 69.259 | 144.381 | 122.586 | 2.755 | 0.13399 | 3.99835 | 3 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|----|---|
| K13U14X | 18.3 | 0.15 | K20CH | 21.881 | 331.633 | 40.183 | 7.198 | 0.53296 | 2.32992 | 4 | X |
| K13U40L | 17.4 | 0.15 | K20CH | 77.929 | 5.034 | 286.064 | 6.083 | 0.13999 | 2.36205 | 6 | V |
| K13U40O | 16.5 | 0.15 | K20CH | 97.236 | 96.348 | 275.924 | 23.860 | 0.31854 | 3.20464 | 3 | V |
| K13U40Q | 18.9 | 0.15 | K20CH | 273.907 | 234.686 | 205.514 | 0.680 | 0.15151 | 2.45108 | 3 | V |
| K13U40S | 18.8 | 0.15 | K20CH | 3.468 | 125.746 | 257.554 | 1.652 | 0.19982 | 2.36221 | 2 | V |
| K13U40T | 19.5 | 0.15 | K20CH | 16.843 | 256.180 | 96.861 | 2.487 | 0.21026 | 2.35642 | 2 | V |
| K13V60B | 14.6 | 0.15 | K20CH | 287.102 | 275.453 | 50.600 | 9.266 | 0.13422 | 5.22158 | 3 | V |
| K13V60D | 17.4 | 0.15 | K20CH | 92.856 | 252.566 | 211.715 | 5.142 | 0.16293 | 3.03190 | 4 | V |
| K13V60E | 18.2 | 0.15 | K20CH | 206.784 | 261.696 | 158.519 | 2.057 | 0.09300 | 2.69494 | 3 | V |
| K13V60G | 14.4 | 0.15 | K20CH | 330.333 | 223.033 | 62.081 | 30.962 | 0.05394 | 5.27481 | 4 | V |
| K13V60K | 19.2 | 0.15 | K20CH | 349.675 | 249.243 | 149.758 | 2.889 | 0.18587 | 2.36894 | 3 | V |
| K13W05H | 18.0 | 0.15 | K20CH | 0.864 | 271.263 | 122.121 | 9.916 | 0.17990 | 2.35497 | 5 | V |
| K13W45P | 17.3 | 0.15 | K20CH | 12.270 | 183.368 | 180.420 | 9.649 | 0.33287 | 2.37005 | 12 | X |
| K13W60T | 18.0 | 0.15 | K20CH | 10.144 | 139.172 | 245.171 | 24.069 | 0.24237 | 2.35088 | 2 | X |
| K13WD2D | 18.8 | 0.15 | K20CH | 3.111 | 339.241 | 57.640 | 3.420 | 0.18574 | 2.37005 | 3 | V |
| K13WD2E | 18.5 | 0.15 | K20CH | 15.542 | 157.543 | 205.793 | 2.588 | 0.14308 | 2.39520 | 3 | V |
| K13WD2F | 18.9 | 0.15 | K20CH | 327.602 | 99.288 | 329.214 | 2.018 | 0.18843 | 2.38570 | 3 | V |
| K13X36D | 17.0 | 0.15 | K20CH | 271.286 | 144.145 | 288.855 | 21.323 | 0.04672 | 2.66993 | 5 | V |
| K13Y20T | 18.3 | 0.15 | K20CH | 179.169 | 292.023 | 291.238 | 16.881 | 0.03629 | 1.82516 | 4 | X |
| K13YG5B | 17.9 | 0.15 | K20CH | 198.009 | 77.488 | 65.286 | 6.667 | 0.13861 | 2.62963 | 3 | V |
| K14A71D | 17.2 | 0.15 | K20CH | 52.583 | 58.168 | 132.532 | 17.593 | 0.14179 | 3.05252 | 3 | V |
| K14B81C | 17.5 | 0.15 | K20CH | 243.739 | 299.935 | 111.103 | 4.662 | 0.08989 | 2.78508 | 3 | V |
| K14DH7T | 17.1 | 0.15 | K20CH | 109.274 | 124.258 | 19.572 | 6.628 | 0.08396 | 3.13163 | 5 | V |
| K14DH7X | 17.6 | 0.15 | K20CH | 289.843 | 108.757 | 351.476 | 10.531 | 0.09123 | 2.61036 | 3 | V |
| K14E19F | 13.9 | 0.15 | K20CH | 263.262 | 101.738 | 356.646 | 29.050 | 0.09674 | 5.26270 | 3 | V |
| K14E83X | 17.9 | 0.15 | K20CH | 31.806 | 189.086 | 175.231 | 9.026 | 0.17281 | 2.57426 | 3 | V |
| K14EB5B | 18.0 | 0.15 | K20CH | 69.257 | 313.205 | 328.710 | 12.020 | 0.21628 | 2.78998 | 3 | V |
| K14EK9H | 17.7 | 0.15 | K20CH | 72.437 | 114.617 | 184.390 | 13.979 | 0.03277 | 2.65949 | 3 | V |
| K14EL4F | 18.4 | 0.15 | K20CH | 347.747 | 115.961 | 275.843 | 2.598 | 0.16721 | 2.60097 | 3 | V |
| K14EN4K | 18.3 | 0.15 | K20CH | 359.098 | 198.658 | 174.714 | 12.614 | 0.13621 | 2.63088 | 3 | V |
| K14G80B | 17.9 | 0.15 | K20CH | 114.893 | 152.784 | 71.447 | 3.026 | 0.12035 | 2.92014 | 3 | V |
| K14HA5X | 17.5 | 0.15 | K20CH | 12.951 | 180.885 | 148.863 | 7.336 | 0.18122 | 2.97049 | 6 | V |
| K14HM3R | 17.7 | 0.15 | K20CH | 290.621 | 299.803 | 173.077 | 7.062 | 0.15366 | 2.61375 | 3 | V |
| K14HM4X | 17.0 | 0.15 | K20CH | 46.023 | 76.044 | 151.397 | 8.155 | 0.08908 | 3.23407 | 4 | V |
| K14HM5A | 16.6 | 0.15 | K20CH | 344.054 | 258.526 | 44.589 | 13.734 | 0.10560 | 3.22968 | 3 | V |
| K14HM5B | 16.6 | 0.15 | K20CH | 328.883 | 138.053 | 205.244 | 27.965 | 0.24850 | 3.17386 | 4 | V |
| K14HM5C | 18.0 | 0.15 | K20CH | 159.471 | 196.199 | 48.088 | 4.550 | 0.11389 | 2.72362 | 3 | V |
| K14HM5E | 18.8 | 0.15 | K20CH | 289.943 | 183.917 | 83.827 | 7.590 | 0.10828 | 2.28940 | 3 | V |
| K14HM5F | 17.5 | 0.15 | K20CH | 323.435 | 205.619 | 204.031 | 5.042 | 0.02609 | 2.75248 | 3 | V |
| K14J56L | 15.0 | 0.15 | K20CH | 90.107 | 30.345 | 257.739 | 25.909 | 0.14361 | 3.09002 | 10 | X |
| K14JA1V | 16.5 | 0.15 | K20CH | 27.602 | 79.164 | 263.938 | 24.689 | 0.25017 | 3.21151 | 5 | X |
| K14JA9C | 17.5 | 0.15 | K20CH | 38.897 | 169.613 | 134.730 | 14.174 | 0.24619 | 3.02321 | 2 | V |
| K14JB2W | 17.5 | 0.15 | K20CH | 62.050 | 195.913 | 92.443 | 12.558 | 0.11923 | 2.99873 | 3 | V |
| K14JB2X | 18.0 | 0.15 | K20CH | 147.673 | 183.769 | 149.371 | 12.388 | 0.18938 | 2.57704 | 3 | V |
| K14JB2Y | 18.0 | 0.15 | K20CH | 221.166 | 9.639 | 192.159 | 11.481 | 0.10778 | 2.61679 | 3 | V |
| K14JB3A | 17.5 | 0.15 | K20CH | 252.632 | 227.760 | 257.153 | 2.065 | 0.01024 | 2.80185 | 4 | V |
| K14JB3B | 17.6 | 0.15 | K20CH | 10.913 | 137.117 | 222.508 | 3.103 | 0.10994 | 2.88523 | 3 | V |
| K14JB3C | 18.4 | 0.15 | K20CH | 32.177 | 91.876 | 225.077 | 22.848 | 0.42832 | 3.14686 | 2 | V |
| K14KC7L | 17.4 | 0.15 | K20CH | 26.928 | 168.038 | 136.373 | 11.789 | 0.21442 | 3.11914 | 2 | V |
| K14KD1L | 18.1 | 0.15 | K20CH | 161.938 | 261.453 | 57.070 | 13.317 | 0.28899 | 2.58122 | 3 | V |
| K14KD1N | 17.4 | 0.15 | K20CH | 71.710 | 29.276 | 252.789 | 11.255 | 0.13078 | 2.98129 | 3 | V |
| K14KD1O | 17.6 | 0.15 | K20CH | 59.980 | 203.168 | 74.329 | 2.330 | 0.18211 | 3.00003 | 3 | V |
| K14L34G | 16.3 | 0.15 | K20CH | 24.977 | 84.314 | 268.582 | 22.534 | 0.26502 | 3.18841 | 4 | X |
| K14L37K | 16.5 | 0.15 | K20CH | 68.984 | 351.438 | 259.959 | 10.182 | 0.13544 | 3.09837 | 5 | V |
| K14M89J | 16.6 | 0.15 | K20CH | 56.572 | 36.228 | 246.044 | 10.301 | 0.02875 | 3.21651 | 4 | V |
| K14M92F | 16.5 | 0.15 | K20CH | 55.575 | 28.735 | 291.880 | 16.180 | 0.19930 | 3.13700 | 3 | X |
| K14M92N | 16.8 | 0.15 | K20CH | 341.028 | 349.640 | 9.693 | 9.148 | 0.06291 | 3.20905 | 6 | V |
| K14M92O | 16.8 | 0.15 | K20CH | 55.717 | 242.232 | 82.200 | 12.385 | 0.12695 | 3.09814 | 3 | V |
| K14M92P | 16.7 | 0.15 | K20CH | 33.903 | 355.684 | 340.963 | 14.971 | 0.03564 | 3.04119 | 3 | V |
| K14N84J | 17.2 | 0.15 | K20CH | 45.824 | 110.819 | 211.702 | 12.077 | 0.11861 | 3.14666 | 7 | V |
| K14N84L | 17.7 | 0.15 | K20CH | 50.028 | 225.531 | 99.879 | 11.567 | 0.21868 | 3.13245 | 3 | V |
| K14N84N | 17.1 | 0.15 | K20CH | 77.883 | 3.575 | 280.772 | 9.461 | 0.10997 | 3.08302 | 2 | V |
| K14N84O | 17.0 | 0.15 | K20CH | 343.687 | 139.521 | 249.100 | 8.362 | 0.07394 | 3.18992 | 3 | V |
| K14N84P | 16.6 | 0.15 | K20CH | 102.196 | 345.761 | 281.369 | 6.863 | 0.06285 | 3.12622 | 3 | V |
| K14N84Q | 16.5 | 0.15 | K20CH | 303.164 | 171.516 | 256.599 | 9.466 | 0.02709 | 3.14762 | 3 | V |
| K14N84R | 17.7 | 0.15 | K20CH | 67.402 | 235.569 | 72.420 | 2.404 | 0.08264 | 3.06627 | 2 | V |
| K14O13V | 16.5 | 0.15 | K20CH | 43.643 | 28.122 | 305.391 | 17.066 | 0.20837 | 3.09043 | 5 | X |
| K14O39X | 17.7 | 0.15 | K20CH | 18.463 | 52.683 | 312.679 | 20.516 | 0.32008 | 3.16838 | 2 | X |
| K14OT6Z | 18.5 | 0.15 | K20CH | 344.278 | 314.936 | 354.929 | 7.800 | 0.19425 | 2.24673 | 3 | X |
| K14Oh0Z | 17.5 | 0.15 | K20CH | 347.345 | 277.932 | 112.280 | 11.385 | 0.22627 | 3.18357 | 3 | V |
| K14Oh9C | 16.9 | 0.15 | K20CH | 95.018 | 300.041 | 318.760 | 14.643 | 0.09478 | 3.19882 | 3 | V |
| K14Oh9K | 17.0 | 0.15 | K20CH | 119.306 | 89.625 | 143.536 | 10.553 | 0.08477 | 3.11821 | 3 | V |
| K14Oh9N | 17.4 | 0.15 | K20CH | 14.166 | 20.311 | 340.631 | 12.091 | 0.15346 | 3.17704 | 2 | V |
| K14Oh9O | 17.6 | 0.15 | K20CH | 19.000 | 348.715 | 3.079 | 5.081 | 0.13272 | 3.22072 | 2 | V |
| K14Oh9P | 17.0 | 0.15 | K20CH | 356.347 | 107.308 | 283.627 | 17.371 | 0.12481 | 3.06244 | 3 | V |
| K14Oh9Q | 17.0 | 0.15 | K20CH | 0.344 | 92.933 | 294.774 | 8.021 | 0.11922 | 3.06989 | 4 | V |
| K14Oh9R | 16.9 | 0.15 | K20CH | 0.742 | 262.702 | 149.413 | 10.445 | 0.21568 | 3.14953 | 2 | V |
| K14P24Q | 16.4 | 0.15 | K20CH | 16.604 | 49.347 | 325.865 | 19.228 | 0.24110 | 3.16823 | 7 | X |
| K14P91G | 16.8 | 0.15 | K20CH | 323.247 | 86.952 | 349.019 | 14.920 | 0.19524 | 3.15919 | 2 | V |
| K14Q14K | 17.0 | 0.15 | K20CH | 0.550 | 123.006 | 277.088 | 15.958 | 0.21966 | 3.13945 | 3 | X |
| K14Q60T | 17.3 | 0.15 | K20CH | 55.971 | 5.989 | 297.813 | 6.699 | 0.12123 | 3.16223 | 2 | V |
| K14QT4Y | 17.2 | 0.15 | K20CH | 31.949 | 333.905 | 28.270 | 17.663 | 0.20420 | 3.17492 | 3 | V |
| K14QY5Y | 16.4 | 0.15 | K20CH | 8.038 | 308.684 | 74.402 | 17.503 | 0.21919 | 3.16035 | 3 | V |
| K14Qm6U | 16.9 | 0.15 | K20CH | 34.068 | 240.605 | 119.155 | 10.773 | 0.10423 | 3.20398 | 3 | V |
| K14Qr2V | 18.3 | 0.15 | K20CH | 291.096 | 212.371 | 162.057 | 9.955 | 0.17549 | 2.29428 | 3 | V |
| K14Qr2X | 18.0 | 0.15 | K20CH | 42.145 | 129.893 | 186.844 | 15.641 | 0.23916 | 3.18802 | 2 | V |
| K14Qr2Y | 17.0 | 0.15 | K20CH | 15.971 | 194.777 | 169.411 | 10.696 | 0.12396 | 3.16351 | 2 | V |
| K14R79H | 17.5 | 0.15 | K20CH | 73.530 | 116.954 | 249.777 | 6.912 | 0.07316 | 2.91810 | 3 | V |
| K14S92O | 17.6 | 0.15 | K20CH | 352.929 | 70.473 | 348.017 | 14.861 | 0.28056 | 3.22626 | 3 | V |
| K14SG7W | 17.0 | 0.15 | K20CH | 2.935 | 86.153 | 320.193 | 23.335 | 0.28957 | 3.20767 | 3 | V |
| K14SG9X | 16.4 | 0.15 | K20CH | 40.234 | 71.263 | 283.573 | 14.964 | 0.11836 | 3.15180 | 5 | V |
| K14SN3O | 18.1 | 0.15 | K20CH | 351.276 | 272.544 | 188.184 | 26.771 | 0.22225 | 2.03578 | 6 | X |
| K14SS8T | 16.0 | 0.15 | K20CH | 4.553 | 122.056 | 269.568 | 21.842 | 0.15780 | 3.21357 | 6 | X |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K14Sc5T | 16.6 | 0.15 | K20CH | 26.578 | 70.905 | 292.686 | 16.064 | 0.16897 | 3.17728 | 4 | X |
| K14Sc6N | 16.7 | 0.15 | K20CH | 4.113 | 194.189 | 171.029 | 10.189 | 0.07013 | 3.39661 | 2 | V |
| K14T94R | 17.8 | 0.15 | K20CH | 234.291 | 105.370 | 242.226 | 13.708 | 0.13905 | 2.56892 | 7 | X |
| K14TA7F | 18.2 | 0.15 | K20CH | 145.166 | 34.141 | 359.365 | 7.600 | 0.12761 | 2.66749 | 3 | V |
| K14TA7G | 16.5 | 0.15 | K20CH | 327.900 | 91.868 | 316.260 | 8.939 | 0.09374 | 3.42937 | 3 | V |
| K14U96W | 18.5 | 0.15 | K20CH | 23.554 | 263.025 | 67.046 | 5.479 | 0.16001 | 2.17419 | 7 | V |
| K14UQ3T | 17.1 | 0.15 | K20CH | 348.384 | 86.679 | 56.483 | 15.369 | 0.10956 | 2.91763 | 3 | V |
| K14UQ3U | 18.2 | 0.15 | K20CH | 127.005 | 266.502 | 160.165 | 5.569 | 0.12603 | 2.65403 | 3 | V |
| K14W94Q | 19.2 | 0.15 | K20CH | 12.285 | 150.402 | 198.810 | 3.890 | 0.15837 | 2.17902 | 3 | V |
| K14WT9N | 16.7 | 0.15 | K20CH | 14.848 | 18.843 | 21.768 | 17.591 | 0.26151 | 3.11692 | 3 | V |
| K14Wv7Y | 19.2 | 0.15 | K20CH | 43.931 | 64.003 | 277.275 | 4.128 | 0.17771 | 2.15020 | 3 | V |
| K14Ww0G | 17.4 | 0.15 | K20CH | 29.912 | 321.737 | 139.774 | 11.311 | 0.20731 | 3.04976 | 3 | V |
| K14Ww0J | 14.6 | 0.15 | K20CH | 7.047 | 152.680 | 85.623 | 18.988 | 0.02661 | 5.28011 | 4 | V |
| K14Ww0K | 14.4 | 0.15 | K20CH | 281.493 | 240.962 | 80.889 | 26.595 | 0.04024 | 5.20179 | 4 | V |
| K14Ww0M | 17.6 | 0.15 | K20CH | 199.092 | 75.006 | 354.782 | 11.590 | 0.05405 | 2.54097 | 7 | V |
| K14Ww0P | 18.6 | 0.15 | K20CH | 165.443 | 136.086 | 62.082 | 6.168 | 0.09712 | 2.29919 | 3 | V |
| K14X51R | 14.2 | 0.15 | K20CH | 122.615 | 252.305 | 239.164 | 29.391 | 0.04473 | 5.21062 | 4 | V |
| K14Y82V | 18.4 | 0.15 | K20CH | 74.821 | 180.371 | 29.425 | 3.041 | 0.11793 | 2.57282 | 4 | V |
| K14Y82Y | 19.1 | 0.15 | K20CH | 354.714 | 55.266 | 337.773 | 7.599 | 0.12840 | 2.21607 | 3 | V |
| K15B59U | 18.3 | 0.15 | K20CH | 223.671 | 185.846 | 316.045 | 6.651 | 0.03852 | 2.33719 | 4 | V |
| K15Ba7O | 18.1 | 0.15 | K20CH | 46.992 | 322.251 | 14.163 | 7.690 | 0.15730 | 2.22333 | 4 | V |
| K15Be2B | 19.0 | 0.15 | K20CH | 9.247 | 79.529 | 309.080 | 4.234 | 0.14090 | 2.23271 | 3 | V |
| K15Bg3L | 17.8 | 0.15 | K20CH | 51.762 | 18.920 | 266.646 | 0.817 | 0.15085 | 2.48045 | 5 | V |
| K15Bl1S | 18.5 | 0.15 | K20CH | 25.509 | 205.308 | 162.228 | 3.855 | 0.19996 | 2.21312 | 9 | V |
| K15By4N | 17.4 | 0.15 | K20CH | 56.635 | 10.552 | 268.440 | 12.972 | 0.23608 | 2.63690 | 4 | V |
| K15By4O | 18.1 | 0.15 | K20CH | 32.528 | 188.823 | 130.658 | 9.265 | 0.14423 | 2.39427 | 4 | V |
| K15Bz4W | 18.5 | 0.15 | K20CH | 98.886 | 72.174 | 102.972 | 9.697 | 0.10441 | 2.58337 | 3 | V |
| K15Bz4X | 18.0 | 0.15 | K20CH | 146.102 | 307.900 | 182.632 | 12.169 | 0.03219 | 2.58644 | 5 | V |
| K15Bz4Y | 17.4 | 0.15 | K20CH | 23.164 | 62.948 | 121.092 | 11.260 | 0.05606 | 2.96687 | 3 | V |
| K15Bz4Z | 17.2 | 0.15 | K20CH | 98.323 | 240.931 | 278.117 | 12.947 | 0.10804 | 2.84676 | 4 | V |
| K15Bz5C | 17.5 | 0.15 | K20CH | 67.514 | 268.356 | 199.880 | 22.709 | 0.38790 | 3.06443 | 2 | V |
| K15Bz5D | 16.9 | 0.15 | K20CH | 41.099 | 141.238 | 16.761 | 11.766 | 0.04141 | 3.07682 | 3 | V |
| K15Bz5G | 19.0 | 0.15 | K20CH | 303.037 | 333.365 | 326.512 | 19.384 | 0.07243 | 1.92334 | 3 | V |
| K15Bz5J | 16.7 | 0.15 | K20CH | 257.419 | 50.373 | 251.201 | 10.651 | 0.05995 | 3.12745 | 3 | V |
| K15Bz5M | 17.2 | 0.15 | K20CH | 82.830 | 247.677 | 277.617 | 11.468 | 0.16869 | 2.72883 | 4 | V |
| K15Bz5N | 18.8 | 0.15 | K20CH | 328.052 | 90.871 | 332.623 | 7.940 | 0.09652 | 2.25673 | 2 | V |
| K15D28S | 18.9 | 0.15 | K20CH | 327.344 | 332.227 | 74.906 | 5.149 | 0.12384 | 2.32553 | 3 | V |
| K15D58H | 18.2 | 0.15 | K20CH | 85.675 | 88.689 | 146.120 | 18.535 | 0.25450 | 2.58822 | 3 | V |
| K15DC1O | 17.8 | 0.15 | K20CH | 71.882 | 134.208 | 116.390 | 12.184 | 0.22756 | 2.62985 | 4 | V |
| K15DP3B | 17.5 | 0.15 | K20CH | 38.121 | 286.014 | 7.980 | 12.417 | 0.32135 | 2.67965 | 4 | V |
| K15DR0Y | 18.0 | 0.15 | K20CH | 68.902 | 64.177 | 201.141 | 2.396 | 0.09869 | 2.52594 | 7 | V |
| K15DR7Y | 17.6 | 0.15 | K20CH | 124.021 | 30.959 | 95.641 | 11.032 | 0.17483 | 2.75227 | 5 | V |
| K15DR8G | 17.4 | 0.15 | K20CH | 49.653 | 84.725 | 146.318 | 15.281 | 0.10310 | 2.86258 | 3 | V |
| K15DR8K | 18.0 | 0.15 | K20CH | 107.474 | 12.142 | 159.990 | 1.094 | 0.04622 | 2.75133 | 5 | V |
| K15DR8L | 17.9 | 0.15 | K20CH | 7.010 | 263.034 | 19.011 | 3.099 | 0.06239 | 2.71927 | 4 | V |
| K15E60V | 14.0 | 0.15 | K20CH | 51.224 | 29.218 | 305.104 | 19.513 | 0.04622 | 5.23551 | 6 | X |
| K15E71X | 18.1 | 0.15 | K20CH | 64.780 | 354.237 | 284.133 | 4.358 | 0.17422 | 2.52760 | 3 | V |
| K15Ff9L | 17.7 | 0.15 | K20CH | 38.582 | 267.619 | 13.888 | 8.358 | 0.28722 | 2.73288 | 5 | V |
| K15Fh2D | 17.6 | 0.15 | K20CH | 32.426 | 161.064 | 140.099 | 8.954 | 0.21803 | 2.77424 | 4 | V |
| K15Fh7N | 17.4 | 0.15 | K20CH | 2.345 | 155.167 | 128.829 | 3.616 | 0.05953 | 2.77963 | 9 | V |
| K15Fh7O | 17.2 | 0.15 | K20CH | 99.036 | 148.899 | 28.403 | 14.263 | 0.13235 | 2.77708 | 3 | V |
| K15Fh7T | 17.7 | 0.15 | K20CH | 56.196 | 298.644 | 280.254 | 2.825 | 0.04247 | 2.73902 | 5 | V |
| K15G64U | 16.4 | 0.15 | K20CH | 147.950 | 327.178 | 137.545 | 29.213 | 0.28612 | 2.79315 | 6 | V |
| K15H12A | 17.7 | 0.15 | K20CH | 62.651 | 109.121 | 193.986 | 27.931 | 0.38351 | 2.66570 | 2 | V |
| K15H36H | 18.2 | 0.15 | K20CH | 268.807 | 29.657 | 101.194 | 7.737 | 0.15690 | 2.35003 | 3 | V |
| K15HD9D | 17.9 | 0.15 | K20CH | 47.224 | 348.336 | 339.888 | 2.774 | 0.25273 | 2.57153 | 3 | V |
| K15HL6M | 17.9 | 0.15 | K20CH | 77.452 | 180.220 | 72.735 | 5.838 | 0.06411 | 2.69184 | 3 | V |
| K15HL6N | 17.3 | 0.15 | K20CH | 118.965 | 295.622 | 211.959 | 14.396 | 0.06113 | 2.94151 | 3 | V |
| K15J22T | 18.3 | 0.15 | K20CH | 82.358 | 268.670 | 3.345 | 4.201 | 0.13109 | 2.61603 | 3 | V |
| K15J22V | 18.0 | 0.15 | K20CH | 63.773 | 151.438 | 124.481 | 5.784 | 0.19990 | 2.68516 | 2 | V |
| K15KC9D | 17.9 | 0.15 | K20CH | 57.148 | 95.772 | 202.836 | 9.617 | 0.17515 | 2.64528 | 3 | V |
| K15KD2Q | 17.4 | 0.15 | K20CH | 169.503 | 134.395 | 86.728 | 13.078 | 0.07658 | 2.58835 | 6 | V |
| K15KF2K | 17.3 | 0.15 | K20CH | 156.696 | 184.185 | 8.317 | 12.209 | 0.21903 | 2.57114 | 6 | V |
| K15KG5S | 17.5 | 0.15 | K20CH | 161.046 | 65.865 | 148.814 | 5.845 | 0.10861 | 2.53751 | 8 | V |
| K15KG7K | 16.6 | 0.15 | K20CH | 47.688 | 153.984 | 115.714 | 11.187 | 0.22843 | 3.06877 | 8 | V |
| K15KH0T | 16.7 | 0.15 | K20CH | 34.880 | 16.431 | 283.281 | 14.225 | 0.12891 | 2.87108 | 6 | V |
| K15KJ1D | 17.9 | 0.15 | K20CH | 50.026 | 156.003 | 120.728 | 16.638 | 0.27905 | 2.78596 | 2 | V |
| K15KJ5B | 17.5 | 0.15 | K20CH | 18.282 | 99.847 | 174.220 | 11.930 | 0.07176 | 2.86046 | 4 | V |
| K15KJ5C | 19.0 | 0.15 | K20CH | 242.007 | 187.227 | 242.350 | 20.067 | 0.05927 | 1.86943 | 3 | V |
| K15KJ5D | 17.2 | 0.15 | K20CH | 301.861 | 84.630 | 244.053 | 8.336 | 0.05073 | 3.03417 | 3 | V |
| K15KJ5E | 17.9 | 0.15 | K20CH | 52.220 | 241.177 | 83.657 | 5.687 | 0.18688 | 2.63338 | 6 | V |
| K15KJ5F | 17.7 | 0.15 | K20CH | 41.351 | 94.765 | 79.442 | 14.165 | 0.24076 | 3.17759 | 4 | V |
| K15KJ5G | 17.5 | 0.15 | K20CH | 5.289 | 38.743 | 215.576 | 0.824 | 0.14328 | 3.08185 | 3 | V |
| K15KJ5J | 16.9 | 0.15 | K20CH | 35.896 | 51.995 | 179.002 | 11.990 | 0.00993 | 3.09061 | 6 | V |
| K15L54N | 17.7 | 0.15 | K20CH | 62.686 | 46.832 | 261.965 | 4.291 | 0.09825 | 2.71966 | 2 | V |
| K15M01O | 16.7 | 0.15 | K20CH | 53.204 | 345.753 | 307.333 | 14.199 | 0.45929 | 2.84168 | 2 | X |
| K15M34G | 17.7 | 0.15 | K20CH | 39.383 | 211.970 | 107.444 | 14.954 | 0.17558 | 2.65779 | 3 | V |
| K15MC2R | 16.7 | 0.15 | K20CH | 320.382 | 92.437 | 292.120 | 14.496 | 0.10251 | 3.01986 | 5 | V |
| K15MH2G | 17.9 | 0.15 | K20CH | 53.144 | 60.319 | 250.276 | 3.931 | 0.15083 | 2.76359 | 3 | V |
| K15MH2N | 16.9 | 0.15 | K20CH | 343.153 | 96.433 | 206.457 | 12.462 | 0.02550 | 3.17077 | 6 | V |
| K15MH2P | 17.9 | 0.15 | K20CH | 43.643 | 120.094 | 202.458 | 8.346 | 0.28224 | 2.74385 | 3 | V |
| K15MH2Q | 17.8 | 0.15 | K20CH | 35.141 | 83.979 | 254.131 | 4.595 | 0.07931 | 2.76620 | 3 | V |
| K15N33T | 17.8 | 0.15 | K20CH | 21.044 | 48.248 | 308.014 | 3.347 | 0.08518 | 2.81274 | 2 | V |
| K15OC5O | 17.5 | 0.15 | K20CH | 16.292 | 192.009 | 132.742 | 9.969 | 0.24073 | 3.00622 | 2 | V |
| K15OC6G | 17.5 | 0.15 | K20CH | 11.504 | 218.140 | 126.511 | 11.669 | 0.14623 | 2.97313 | 3 | V |
| K15OD2P | 17.1 | 0.15 | K20CH | 14.784 | 268.069 | 80.706 | 3.347 | 0.09558 | 2.90764 | 3 | V |
| K15OD5J | 16.8 | 0.15 | K20CH | 304.650 | 118.158 | 331.007 | 14.666 | 0.13461 | 2.76757 | 7 | V |
| K15OD5N | 17.9 | 0.15 | K20CH | 55.969 | 355.038 | 319.134 | 6.000 | 0.08486 | 2.77384 | 3 | V |
| K15OD5O | 16.8 | 0.15 | K20CH | 327.823 | 93.824 | 304.929 | 11.846 | 0.13435 | 3.11176 | 3 | V |
| K15OD5P | 17.5 | 0.15 | K20CH | 61.778 | 69.733 | 241.116 | 5.147 | 0.04951 | 2.90021 | 2 | V |
| K15OD5Q | 17.5 | 0.15 | K20CH | 342.442 | 129.122 | 268.010 | 8.840 | 0.09641 | 2.89608 | 2 | V |
| K15OD5R | 17.5 | 0.15 | K20CH | 6.403 | 63.696 | 305.253 | 13.988 | 0.16137 | 2.86614 | 2 | V |
| K15OD5S | 17.7 | 0.15 | K20CH | 23.959 | 191.679 | 162.297 | 12.612 | 0.18892 | 2.90049 | 2 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K15P09B | 16.8 | 0.15 | K20CH | 11.349 | 36.028 | 349.550 | 28.936 | 0.20983 | 2.78857 | 6 | X |
| K15P16X | 18.0 | 0.15 | K20CH | 22.267 | 348.295 | 17.039 | 5.488 | 0.17637 | 2.74397 | 2 | V |
| K15P69K | 17.5 | 0.15 | K20CH | 122.923 | 299.859 | 307.597 | 12.497 | 0.08682 | 2.71294 | 3 | V |
| K15PB3E | 18.1 | 0.15 | K20CH | 1.343 | 58.223 | 324.740 | 2.442 | 0.10376 | 2.76330 | 3 | V |
| K15PE4G | 17.3 | 0.15 | K20CH | 14.999 | 20.836 | 351.579 | 9.181 | 0.15672 | 2.77921 | 3 | V |
| K15PN8T | 17.6 | 0.15 | K20CH | 332.589 | 91.655 | 313.412 | 3.196 | 0.06280 | 2.76994 | 3 | V |
| K15PT1Z | 16.6 | 0.15 | K20CH | 275.193 | 293.793 | 144.166 | 14.152 | 0.17915 | 3.12236 | 3 | V |
| K15PX3U | 17.6 | 0.15 | K20CH | 23.513 | 214.203 | 107.745 | 6.250 | 0.18098 | 2.99406 | 3 | X |
| K15PX8P | 17.8 | 0.15 | K20CH | 27.862 | 266.305 | 73.970 | 10.480 | 0.11608 | 2.89997 | 3 | V |
| K15PX8Q | 17.4 | 0.15 | K20CH | 51.745 | 290.267 | 346.511 | 26.591 | 0.18105 | 2.99561 | 3 | V |
| K15PX8R | 17.6 | 0.15 | K20CH | 19.594 | 38.690 | 312.041 | 19.170 | 0.18736 | 2.89991 | 2 | V |
| K15PX8S | 17.6 | 0.15 | K20CH | 140.468 | 3.318 | 231.296 | 3.398 | 0.01891 | 2.79842 | 2 | V |
| K15Q25J | 16.2 | 0.15 | K20CH | 34.669 | 323.666 | 318.909 | 14.934 | 0.06887 | 3.18576 | 8 | V |
| K15Q25Q | 17.2 | 0.15 | K20CH | 12.492 | 190.028 | 139.280 | 11.866 | 0.11529 | 3.01451 | 2 | V |
| K15Q28X | 17.5 | 0.15 | K20CH | 7.252 | 180.836 | 188.349 | 7.662 | 0.07016 | 2.90462 | 2 | V |
| K15R80J | 17.4 | 0.15 | K20CH | 20.584 | 229.986 | 149.154 | 2.554 | 0.08153 | 2.85524 | 3 | V |
| K15RF7K | 17.1 | 0.15 | K20CH | 11.770 | 328.516 | 356.178 | 6.726 | 0.15893 | 3.05374 | 3 | V |
| K15RI9R | 17.1 | 0.15 | K20CH | 322.493 | 165.060 | 280.036 | 21.182 | 0.04171 | 2.65522 | 5 | V |
| K15RM3G | 17.2 | 0.15 | K20CH | 15.514 | 312.980 | 21.646 | 11.265 | 0.08628 | 3.12516 | 3 | V |
| K15RO7R | 17.3 | 0.15 | K20CH | 3.952 | 167.475 | 177.555 | 10.442 | 0.08995 | 3.03373 | 3 | V |
| K15RU6X | 17.2 | 0.15 | K20CH | 54.210 | 199.437 | 71.383 | 2.146 | 0.15317 | 3.08964 | 2 | V |
| K15RV9C | 17.0 | 0.15 | K20CH | 28.255 | 180.574 | 175.712 | 9.594 | 0.12651 | 2.98838 | 3 | V |
| K15RV9D | 17.5 | 0.15 | K20CH | 345.145 | 181.927 | 189.723 | 9.771 | 0.06739 | 3.06462 | 3 | V |
| K15RV9F | 17.5 | 0.15 | K20CH | 33.621 | 171.965 | 149.185 | 2.137 | 0.15756 | 3.04835 | 3 | V |
| K15RV9G | 17.5 | 0.15 | K20CH | 19.330 | 263.034 | 107.071 | 2.952 | 0.12812 | 2.85925 | 4 | V |
| K15RV9J | 17.9 | 0.15 | K20CH | 357.387 | 282.315 | 104.549 | 4.597 | 0.21066 | 2.98093 | 4 | V |
| K15RV9L | 17.2 | 0.15 | K20CH | 343.332 | 12.825 | 7.128 | 10.231 | 0.10463 | 3.08064 | 2 | V |
| K15RV9M | 17.5 | 0.15 | K20CH | 341.664 | 95.747 | 299.821 | 0.977 | 0.07097 | 2.86682 | 2 | V |
| K15RV9N | 17.4 | 0.15 | K20CH | 348.128 | 129.453 | 262.911 | 2.799 | 0.11624 | 3.00390 | 2 | V |
| K15S43L | 17.1 | 0.15 | K20CH | 288.161 | 124.013 | 328.324 | 10.571 | 0.07283 | 2.93054 | 3 | V |
| K15S43M | 17.3 | 0.15 | K20CH | 10.822 | 91.816 | 263.919 | 14.668 | 0.21747 | 3.15560 | 2 | V |
| K15S43N | 16.3 | 0.15 | K20CH | 37.651 | 63.663 | 270.211 | 10.465 | 0.06324 | 3.19289 | 3 | V |
| K15S43O | 17.4 | 0.15 | K20CH | 322.189 | 276.824 | 145.248 | 2.720 | 0.07116 | 2.92570 | 2 | V |
| K15S43P | 17.9 | 0.15 | K20CH | 12.152 | 96.056 | 261.016 | 13.897 | 0.22965 | 3.03355 | 2 | V |
| K15S43Q | 17.2 | 0.15 | K20CH | 347.377 | 10.244 | 7.098 | 18.365 | 0.08748 | 3.09574 | 2 | V |
| K15T36M | 17.0 | 0.15 | K20CH | 334.387 | 309.186 | 85.730 | 11.348 | 0.16241 | 2.98906 | 3 | V |
| K15T56T | 16.9 | 0.15 | K20CH | 23.303 | 141.983 | 215.539 | 11.398 | 0.07116 | 2.91086 | 6 | V |
| K15T76O | 17.5 | 0.15 | K20CH | 350.420 | 339.937 | 59.396 | 2.171 | 0.18071 | 3.03976 | 3 | V |
| K15TC8S | 16.7 | 0.15 | K20CH | 323.210 | 210.733 | 191.745 | 23.870 | 0.18839 | 3.20032 | 3 | V |
| K15TO5X | 17.1 | 0.15 | K20CH | 355.038 | 16.988 | 342.265 | 5.259 | 0.16537 | 3.07897 | 4 | V |
| K15TQ4W | 16.8 | 0.15 | K20CH | 2.728 | 1.187 | 352.765 | 16.228 | 0.08830 | 3.05925 | 3 | V |
| K15TQ7M | 17.0 | 0.15 | K20CH | 324.192 | 71.915 | 329.267 | 8.470 | 0.12749 | 3.07400 | 3 | V |
| K15TV4N | 19.1 | 0.15 | K20CH | 122.059 | 45.543 | 207.033 | 21.931 | 0.05022 | 1.88496 | 3 | V |
| K15TY4O | 17.3 | 0.15 | K20CH | 326.060 | 261.956 | 134.095 | 1.787 | 0.17188 | 3.14979 | 3 | V |
| K15Te4F | 16.8 | 0.15 | K20CH | 353.385 | 294.395 | 60.271 | 6.410 | 0.16603 | 3.17342 | 3 | V |
| K15Tf4L | 16.7 | 0.15 | K20CH | 351.464 | 221.487 | 132.489 | 17.461 | 0.17101 | 3.20200 | 5 | V |
| K15Tf4Q | 16.9 | 0.15 | K20CH | 338.580 | 159.428 | 213.529 | 8.479 | 0.07841 | 3.16197 | 4 | V |
| K15Tg0W | 17.3 | 0.15 | K20CH | 353.455 | 319.236 | 68.592 | 3.561 | 0.12287 | 3.05997 | 3 | V |
| K15Tg1G | 16.8 | 0.15 | K20CH | 64.937 | 165.688 | 149.373 | 10.067 | 0.04471 | 2.95966 | 3 | V |
| K15Tg3R | 18.7 | 0.15 | K20CH | 332.966 | 181.495 | 258.138 | 19.665 | 0.06636 | 1.84206 | 2 | X |
| K15Tg4U | 17.5 | 0.15 | K20CH | 33.087 | 253.629 | 85.784 | 13.301 | 0.16055 | 3.06215 | 3 | V |
| K15Tg7C | 16.6 | 0.15 | K20CH | 98.185 | 184.434 | 77.061 | 13.255 | 0.06267 | 3.20044 | 4 | V |
| K15Tg7M | 17.1 | 0.15 | K20CH | 66.651 | 135.835 | 174.590 | 10.067 | 0.10292 | 2.99833 | 8 | V |
| K15Tg7N | 17.2 | 0.15 | K20CH | 7.110 | 265.453 | 108.448 | 15.257 | 0.27251 | 2.98553 | 3 | V |
| K15Tg7O | 17.5 | 0.15 | K20CH | 345.538 | 8.954 | 11.183 | 10.501 | 0.09332 | 3.03782 | 3 | V |
| K15Tg7Q | 18.0 | 0.15 | K20CH | 31.394 | 53.779 | 285.101 | 16.016 | 0.21697 | 3.04776 | 2 | V |
| K15Tg7R | 17.2 | 0.15 | K20CH | 324.045 | 119.317 | 308.133 | 10.956 | 0.18597 | 3.08944 | 3 | V |
| K15Tg7S | 17.1 | 0.15 | K20CH | 5.035 | 205.449 | 150.141 | 10.356 | 0.10150 | 3.10065 | 2 | V |
| K15Tg7T | 17.1 | 0.15 | K20CH | 358.082 | 208.497 | 161.392 | 10.600 | 0.08358 | 3.10674 | 2 | V |
| K15Tg7U | 17.2 | 0.15 | K20CH | 326.778 | 20.244 | 32.322 | 3.069 | 0.07828 | 3.13004 | 2 | V |
| K15Tg7V | 17.1 | 0.15 | K20CH | 311.605 | 223.908 | 204.375 | 12.612 | 0.12065 | 3.20158 | 2 | V |
| K15Tg7W | 17.0 | 0.15 | K20CH | 78.275 | 88.292 | 195.738 | 3.128 | 0.10511 | 3.18738 | 3 | V |
| K15Tg7X | 18.0 | 0.15 | K20CH | 10.258 | 264.950 | 87.278 | 1.951 | 0.22497 | 3.11383 | 2 | V |
| K15Tg7Y | 16.6 | 0.15 | K20CH | 345.960 | 183.306 | 217.191 | 27.846 | 0.15828 | 3.20904 | 2 | V |
| K15Tg7Z | 16.9 | 0.15 | K20CH | 31.489 | 278.248 | 42.079 | 9.237 | 0.05694 | 3.21350 | 2 | V |
| K15Tg8A | 17.4 | 0.15 | K20CH | 38.141 | 332.875 | 359.403 | 17.221 | 0.22673 | 3.06308 | 2 | V |
| K15Tg8B | 17.0 | 0.15 | K20CH | 82.173 | 51.477 | 233.187 | 5.208 | 0.06603 | 2.99038 | 2 | V |
| K15Tg8C | 16.8 | 0.15 | K20CH | 92.413 | 12.324 | 262.375 | 8.912 | 0.08230 | 2.97531 | 3 | V |
| K15Tg8D | 16.9 | 0.15 | K20CH | 47.283 | 248.863 | 70.905 | 10.276 | 0.06819 | 3.00193 | 4 | V |
| K15Tg8E | 17.7 | 0.15 | K20CH | 342.517 | 189.202 | 204.544 | 15.665 | 0.19829 | 3.06774 | 2 | V |
| K15U18B | 18.1 | 0.15 | K20CH | 11.831 | 187.874 | 151.467 | 4.372 | 0.21907 | 3.08536 | 4 | V |
| K15U19T | 17.9 | 0.15 | K20CH | 349.208 | 311.355 | 70.261 | 2.049 | 0.18359 | 3.05599 | 3 | V |
| K15UA0P | 17.4 | 0.15 | K20CH | 4.431 | 139.534 | 230.580 | 10.155 | 0.08782 | 3.07566 | 3 | V |
| K15UA0T | 17.8 | 0.15 | K20CH | 350.701 | 208.739 | 182.437 | 17.516 | 0.23500 | 3.10038 | 2 | V |
| K15V99C | 17.0 | 0.15 | K20CH | 22.196 | 124.270 | 232.594 | 7.798 | 0.08310 | 3.09826 | 4 | V |
| K15VI1T | 17.0 | 0.15 | K20CH | 35.952 | 254.689 | 70.059 | 14.839 | 0.21119 | 3.09511 | 3 | V |
| K15VI8J | 16.1 | 0.15 | K20CH | 314.358 | 179.495 | 261.292 | 26.911 | 0.10887 | 3.08256 | 4 | X |
| K15VJ3Z | 16.4 | 0.15 | K20CH | 72.897 | 39.938 | 260.243 | 9.701 | 0.09275 | 3.09230 | 5 | V |
| K15VJ4B | 17.1 | 0.15 | K20CH | 49.069 | 68.720 | 267.574 | 9.213 | 0.09500 | 3.06734 | 3 | V |
| K15VJ4D | 16.8 | 0.15 | K20CH | 48.172 | 76.521 | 243.583 | 8.311 | 0.04903 | 3.10652 | 2 | V |
| K15VJ4E | 16.4 | 0.15 | K20CH | 208.986 | 260.118 | 266.245 | 11.062 | 0.01704 | 3.16592 | 3 | V |
| K15VJ4F | 15.9 | 0.15 | K20CH | 288.910 | 160.592 | 263.142 | 20.138 | 0.02546 | 3.39906 | 2 | V |
| K15VJ4G | 17.1 | 0.15 | K20CH | 300.459 | 133.984 | 316.422 | 7.595 | 0.01637 | 3.14464 | 2 | V |
| K15VJ4H | 16.9 | 0.15 | K20CH | 19.329 | 102.844 | 245.110 | 8.140 | 0.08628 | 3.16317 | 2 | V |
| K15W31L | 17.2 | 0.15 | K20CH | 318.058 | 186.512 | 236.117 | 3.599 | 0.12611 | 3.17727 | 2 | V |
| K15XE8Y | 17.6 | 0.15 | K20CH | 328.101 | 220.759 | 198.933 | 1.427 | 0.18508 | 3.17180 | 3 | V |
| K15XF4H | 18.1 | 0.15 | K20CH | 121.088 | 16.388 | 261.439 | 19.056 | 0.02461 | 1.86085 | 5 | X |
| K15XH1C | 16.4 | 0.15 | K20CH | 349.081 | 146.748 | 266.748 | 19.459 | 0.11508 | 3.05765 | 7 | X |
| K15Xb9F | 18.2 | 0.15 | K20CH | 61.322 | 79.255 | 256.273 | 18.136 | 0.13804 | 1.90529 | 4 | X |
| K15Xf6W | 16.1 | 0.15 | K20CH | 359.618 | 126.358 | 271.312 | 18.421 | 0.12459 | 3.15348 | 4 | X |
| K15Xj4M | 18.0 | 0.15 | K20CH | 35.641 | 264.014 | 273.539 | 12.715 | 0.09977 | 2.63934 | 3 | V |
| K15Xj4O | 16.8 | 0.15 | K20CH | 38.638 | 37.570 | 288.649 | 17.367 | 0.10281 | 3.08014 | 2 | V |
| K15Y33N | 16.9 | 0.15 | K20CH | 322.365 | 136.864 | 298.220 | 15.643 | 0.23550 | 3.13452 | 2 | V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K15Y330 | 17.9 | 0.15 | K20CH | 344.742 | 119.725 | 294.355 | 16.291 | 0.33947 | 3.05604 | 2 | V |
| K16A07R | 16.0 | 0.15 | K20CH | 335.738 | 143.042 | 293.196 | 15.735 | 0.17337 | 3.17132 | 6 | X |
| K16A21A | 16.6 | 0.15 | K20CH | 20.992 | 76.828 | 293.610 | 6.930 | 0.18475 | 3.21560 | 3 | V |
| K16A66C | 17.6 | 0.15 | K20CH | 74.470 | 51.421 | 269.537 | 16.333 | 0.09331 | 1.97456 | 8 | X |
| K16AG5S | 18.2 | 0.15 | K20CH | 131.268 | 302.237 | 326.437 | 17.463 | 0.05608 | 1.97309 | 4 | X |
| K16AH2T | 18.0 | 0.15 | K20CH | 346.622 | 124.113 | 296.848 | 17.200 | 0.11875 | 1.93859 | 6 | X |
| K16AW0Y | 17.4 | 0.15 | K20CH | 9.365 | 87.695 | 300.895 | 14.822 | 0.26037 | 3.19363 | 2 | X |
| K16AW1F | 17.2 | 0.15 | K20CH | 47.186 | 323.025 | 115.531 | 16.264 | 0.11716 | 2.84011 | 3 | V |
| K16AW1G | 18.7 | 0.15 | K20CH | 68.906 | 80.637 | 64.111 | 3.847 | 0.12021 | 2.53179 | 4 | V |
| K16AW1K | 14.3 | 0.15 | K20CH | 333.139 | 153.078 | 109.889 | 14.085 | 0.09490 | 5.18107 | 7 | V |
| K16AW1L | 18.4 | 0.15 | K20CH | 259.719 | 340.221 | 67.470 | 6.816 | 0.09837 | 2.16224 | 4 | V |
| K16AW1O | 17.1 | 0.15 | K20CH | 349.711 | 57.338 | 338.596 | 15.817 | 0.16763 | 3.11488 | 2 | V |
| K16AW1P | 16.9 | 0.15 | K20CH | 318.687 | 352.638 | 89.158 | 16.149 | 0.13533 | 3.18845 | 2 | V |
| K16C88W | 18.9 | 0.15 | K20CH | 338.296 | 86.618 | 344.970 | 19.105 | 0.13616 | 1.95320 | 2 | V |
| K16CF9B | 18.9 | 0.15 | K20CH | 354.105 | 100.071 | 313.258 | 17.577 | 0.10123 | 1.92804 | 5 | X |
| K16CZ7Q | 17.4 | 0.15 | K20CH | 324.673 | 225.950 | 74.326 | 9.719 | 0.12728 | 2.48513 | 3 | V |
| K16CZ7W | 18.7 | 0.15 | K20CH | 123.846 | 69.285 | 87.131 | 7.210 | 0.05075 | 2.30586 | 4 | V |
| K16CZ7Z | 18.7 | 0.15 | K20CH | 48.689 | 306.681 | 306.740 | 1.697 | 0.16308 | 2.35940 | 3 | V |
| K16E00T | 18.5 | 0.15 | K20CH | 352.451 | 129.617 | 289.768 | 16.308 | 0.13526 | 1.98422 | 5 | X |
| K16EG5Q | 18.5 | 0.15 | K20CH | 59.138 | 287.882 | 356.793 | 10.264 | 0.10119 | 2.22709 | 3 | V |
| K16EQ2M | 18.5 | 0.15 | K20CH | 83.420 | 35.830 | 244.368 | 6.913 | 0.15367 | 2.22095 | 3 | V |
| K16ER2T | 18.6 | 0.15 | K20CH | 69.464 | 139.807 | 138.659 | 5.835 | 0.15331 | 2.32882 | 4 | V |
| K16ER9H | 18.7 | 0.15 | K20CH | 60.642 | 91.730 | 198.953 | 21.050 | 0.27266 | 2.31473 | 4 | V |
| K16ER9P | 19.0 | 0.15 | K20CH | 67.882 | 264.219 | 15.000 | 9.633 | 0.35552 | 2.32446 | 2 | V |
| K16ES0F | 18.9 | 0.15 | K20CH | 71.757 | 49.737 | 204.527 | 1.942 | 0.17994 | 2.30231 | 4 | V |
| K16F21Z | 18.9 | 0.15 | K20CH | 100.751 | 170.819 | 100.163 | 3.468 | 0.12594 | 2.18860 | 3 | V |
| K16F73A | 18.7 | 0.15 | K20CH | 62.000 | 286.962 | 351.193 | 4.639 | 0.14625 | 2.28749 | 2 | V |
| K16F74W | 18.4 | 0.15 | K20CH | 135.786 | 215.855 | 3.955 | 7.991 | 0.04822 | 2.23013 | 3 | V |
| K16F74X | 18.1 | 0.15 | K20CH | 116.783 | 114.709 | 7.708 | 14.641 | 0.05087 | 2.55852 | 3 | V |
| K16GG5C | 18.9 | 0.15 | K20CH | 60.481 | 84.756 | 207.006 | 6.428 | 0.13099 | 2.27590 | 3 | V |
| K16GR2C | 18.1 | 0.15 | K20CH | 49.242 | 228.540 | 69.073 | 7.792 | 0.13259 | 2.28270 | 3 | V |
| K16GR3X | 18.3 | 0.15 | K20CH | 55.699 | 57.794 | 224.453 | 6.978 | 0.19067 | 2.36475 | 3 | V |
| K16GR6S | 18.6 | 0.15 | K20CH | 45.405 | 240.260 | 78.689 | 5.602 | 0.12766 | 2.24388 | 3 | V |
| K16GS4J | 18.6 | 0.15 | K20CH | 38.039 | 241.821 | 87.867 | 3.765 | 0.24901 | 2.24035 | 3 | V |
| K16GS6D | 19.0 | 0.15 | K20CH | 50.542 | 160.882 | 153.250 | 6.696 | 0.23842 | 2.26380 | 5 | V |
| K16GS7Y | 18.1 | 0.15 | K20CH | 69.682 | 35.780 | 253.776 | 11.180 | 0.12716 | 2.30030 | 3 | V |
| K16GS8E | 18.5 | 0.15 | K20CH | 60.765 | 356.542 | 315.191 | 4.418 | 0.13984 | 2.21188 | 5 | V |
| K16GS8N | 18.5 | 0.15 | K20CH | 62.888 | 9.129 | 289.382 | 4.906 | 0.27389 | 2.30372 | 3 | V |
| K16GS9K | 17.8 | 0.15 | K20CH | 7.235 | 295.293 | 350.506 | 9.773 | 0.18071 | 2.54862 | 4 | V |
| K16H09E | 18.4 | 0.15 | K20CH | 58.280 | 109.253 | 193.989 | 6.174 | 0.13037 | 2.27022 | 6 | V |
| K16H29D | 18.7 | 0.15 | K20CH | 46.341 | 37.578 | 256.497 | 1.517 | 0.18685 | 2.35278 | 4 | V |
| K16H30Q | 19.0 | 0.15 | K20CH | 99.492 | 17.027 | 219.130 | 5.936 | 0.16378 | 2.32664 | 4 | V |
| K16H30R | 18.4 | 0.15 | K20CH | 27.157 | 195.495 | 85.103 | 3.565 | 0.17512 | 2.47366 | 5 | V |
| K16J04L | 18.5 | 0.15 | K20CH | 69.203 | 173.189 | 92.507 | 3.688 | 0.18292 | 2.38369 | 5 | V |
| K16J34T | 19.1 | 0.15 | K20CH | 58.997 | 141.280 | 113.525 | 7.754 | 0.36396 | 2.44606 | 2 | V |
| K16J48H | 18.5 | 0.15 | K20CH | 66.247 | 168.212 | 130.970 | 6.443 | 0.22575 | 2.29841 | 2 | V |
| K16L30L | 18.6 | 0.15 | K20CH | 32.631 | 160.764 | 177.409 | 6.094 | 0.24970 | 2.35856 | 2 | V |
| K16L36E | 18.6 | 0.15 | K20CH | 51.551 | 180.101 | 142.821 | 6.103 | 0.19784 | 2.32083 | 3 | V |
| K16L79X | 18.3 | 0.15 | K20CH | 35.298 | 120.820 | 206.051 | 4.063 | 0.25460 | 2.47329 | 2 | V |
| K16L80P | 18.3 | 0.15 | K20CH | 82.929 | 186.292 | 98.149 | 3.747 | 0.16095 | 2.30833 | 5 | V |
| K16L82F | 18.4 | 0.15 | K20CH | 35.443 | 21.408 | 278.698 | 12.626 | 0.26324 | 2.56981 | 2 | V |
| K16L82G | 17.9 | 0.15 | K20CH | 12.865 | 65.687 | 220.937 | 10.044 | 0.12814 | 2.72430 | 4 | V |
| K16L82M | 17.9 | 0.15 | K20CH | 87.776 | 158.297 | 114.250 | 12.132 | 0.25007 | 2.34008 | 2 | V |
| K16M02R | 18.6 | 0.15 | K20CH | 65.651 | 51.181 | 218.532 | 4.314 | 0.16375 | 2.40941 | 2 | V |
| K16N00V | 19.7 | 0.15 | K20CH | 310.312 | 145.127 | 255.166 | 16.292 | 0.23654 | 1.26589 | 2 | X |
| K16N20E | 18.3 | 0.15 | K20CH | 65.146 | 185.300 | 118.414 | 7.604 | 0.22413 | 2.32016 | 2 | V |
| K16N55C | 19.0 | 0.15 | K20CH | 24.339 | 37.037 | 298.086 | 7.456 | 0.29217 | 2.54777 | 4 | V |
| K16NB4S | 17.9 | 0.15 | K20CH | 352.960 | 232.458 | 135.347 | 13.556 | 0.21325 | 2.61314 | 2 | V |
| K16NB5C | 17.7 | 0.15 | K20CH | 350.118 | 261.545 | 110.577 | 14.366 | 0.24799 | 2.55248 | 4 | V |
| K16NB5L | 18.4 | 0.15 | K20CH | 51.003 | 205.083 | 80.731 | 2.840 | 0.20141 | 2.52324 | 2 | V |
| K16NB7X | 17.3 | 0.15 | K20CH | 14.067 | 79.687 | 285.640 | 10.672 | 0.21651 | 2.57815 | 6 | V |
| K16NB7Z | 17.7 | 0.15 | K20CH | 4.806 | 38.335 | 327.836 | 16.304 | 0.16677 | 2.56148 | 3 | V |
| K16NB9H | 17.8 | 0.15 | K20CH | 14.485 | 245.380 | 125.170 | 2.991 | 0.23072 | 2.44800 | 6 | V |
| K16NB9W | 17.5 | 0.15 | K20CH | 54.151 | 13.550 | 282.526 | 13.382 | 0.24669 | 2.62828 | 2 | V |
| K16NB9X | 18.3 | 0.15 | K20CH | 358.193 | 271.203 | 127.755 | 5.374 | 0.22729 | 2.42355 | 4 | V |
| K16NC0U | 18.4 | 0.15 | K20CH | 52.240 | 263.174 | 52.225 | 4.035 | 0.20006 | 2.40917 | 2 | V |
| K16NC3N | 18.4 | 0.15 | K20CH | 13.931 | 218.872 | 149.027 | 4.581 | 0.19375 | 2.43736 | 3 | V |
| K16NC7E | 17.9 | 0.15 | K20CH | 56.296 | 167.506 | 143.086 | 2.842 | 0.17872 | 2.47501 | 3 | V |
| K16NC7H | 18.5 | 0.15 | K20CH | 64.793 | 161.864 | 135.782 | 3.107 | 0.08260 | 2.44090 | 3 | V |
| K16NC7J | 18.7 | 0.15 | K20CH | 74.293 | 353.751 | 313.292 | 6.553 | 0.15182 | 2.36009 | 3 | V |
| K16NC7L | 17.2 | 0.15 | K20CH | 41.265 | 20.835 | 345.780 | 11.588 | 0.26272 | 2.54342 | 5 | V |
| K16NC7P | 17.5 | 0.15 | K20CH | 7.047 | 127.722 | 146.301 | 7.950 | 0.12940 | 2.75379 | 3 | V |
| K16NC7Q | 18.5 | 0.15 | K20CH | 9.493 | 78.398 | 300.157 | 5.426 | 0.16838 | 2.38822 | 3 | V |
| K16NC7R | 18.8 | 0.15 | K20CH | 21.686 | 285.865 | 55.994 | 5.034 | 0.16322 | 2.46825 | 2 | V |
| K16NC7S | 18.2 | 0.15 | K20CH | 18.405 | 132.748 | 211.661 | 6.281 | 0.11200 | 2.49040 | 2 | V |
| K16NC7T | 18.0 | 0.15 | K20CH | 12.678 | 96.023 | 266.528 | 15.058 | 0.05793 | 2.47353 | 2 | V |
| K16NC7U | 18.1 | 0.15 | K20CH | 27.929 | 130.312 | 232.554 | 8.537 | 0.15305 | 2.38606 | 3 | V |
| K16NC7V | 17.0 | 0.15 | K20CH | 312.791 | 133.165 | 297.713 | 21.413 | 0.08529 | 2.62206 | 2 | V |
| K16O11G | 18.0 | 0.15 | K20CH | 26.498 | 179.687 | 140.140 | 15.261 | 0.18969 | 2.66008 | 2 | V |
| K16O11H | 17.5 | 0.15 | K20CH | 11.067 | 121.472 | 210.213 | 29.527 | 0.31186 | 2.61768 | 3 | V |
| K16O11R | 18.5 | 0.15 | K20CH | 53.075 | 33.184 | 262.060 | 10.266 | 0.26219 | 2.51970 | 2 | V |
| K16O11W | 18.5 | 0.15 | K20CH | 23.364 | 15.261 | 330.087 | 2.619 | 0.24220 | 2.47288 | 3 | V |
| K16P07D | 18.1 | 0.15 | K20CH | 27.297 | 250.561 | 103.398 | 3.308 | 0.24974 | 2.45763 | 2 | V |
| K16PG0C | 18.3 | 0.15 | K20CH | 5.209 | 273.624 | 74.138 | 4.319 | 0.16357 | 2.57572 | 2 | V |
| K16PG4X | 17.9 | 0.15 | K20CH | 38.758 | 174.462 | 156.082 | 12.499 | 0.18837 | 2.58201 | 5 | V |
| K16PG6P | 17.7 | 0.15 | K20CH | 39.947 | 140.222 | 174.983 | 32.831 | 0.26073 | 2.58558 | 3 | V |
| K16PG6U | 17.5 | 0.15 | K20CH | 70.801 | 140.600 | 152.057 | 15.321 | 0.19539 | 2.54827 | 5 | V |
| K16PG7B | 18.0 | 0.15 | K20CH | 22.711 | 1.444 | 331.988 | 3.141 | 0.07224 | 2.55139 | 6 | V |
| K16PG7F | 17.5 | 0.15 | K20CH | 324.738 | 272.611 | 158.893 | 11.983 | 0.17654 | 2.58511 | 5 | V |
| K16PG7K | 17.9 | 0.15 | K20CH | 51.229 | 328.600 | 349.857 | 10.458 | 0.13250 | 2.58626 | 4 | V |
| K16PG8A | 18.1 | 0.15 | K20CH | 9.655 | 211.501 | 169.901 | 11.779 | 0.20680 | 2.49847 | 2 | V |
| K16PG8K | 18.6 | 0.15 | K20CH | 13.246 | 1.968 | 10.101 | 9.312 | 0.22774 | 2.45400 | 2 | V |
| K16PG8U | 18.5 | 0.15 | K20CH | 35.937 | 58.619 | 271.969 | 2.351 | 0.27958 | 2.57423 | 2 | V |

| | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|-----|
| K16PG9D | 18.6 | 0.15 | K20CH | 24.029 | 214.186 | 144.607 | 12.738 | 0.20290 | 2.53603 | 2 V |
| K16PG9M | 18.3 | 0.15 | K20CH | 19.679 | 222.343 | 127.558 | 6.680 | 0.09828 | 2.42694 | 4 V |
| K16PG9W | 18.6 | 0.15 | K20CH | 50.960 | 282.613 | 35.550 | 1.937 | 0.20044 | 2.44213 | 2 V |
| K16PG9X | 18.6 | 0.15 | K20CH | 55.357 | 87.874 | 217.144 | 2.350 | 0.15553 | 2.49315 | 2 V |
| K16PG9Y | 18.7 | 0.15 | K20CH | 41.324 | 140.577 | 181.783 | 5.576 | 0.17528 | 2.46931 | 2 V |
| K16PH0B | 19.2 | 0.15 | K20CH | 43.126 | 323.750 | 356.564 | 10.931 | 0.26734 | 2.46639 | 2 V |
| K16PH9Y | 17.9 | 0.15 | K20CH | 65.481 | 181.876 | 108.882 | 7.043 | 0.24611 | 2.52642 | 2 V |
| K16PI0E | 16.6 | 0.15 | K20CH | 71.549 | 69.622 | 123.139 | 17.719 | 0.06673 | 3.15798 | 6 V |
| K16PI0U | 18.5 | 0.15 | K20CH | 9.236 | 278.053 | 92.889 | 6.971 | 0.25933 | 2.55448 | 4 V |
| K16PI0Z | 18.1 | 0.15 | K20CH | 48.446 | 234.605 | 53.062 | 3.869 | 0.15105 | 2.62822 | 4 V |
| K16PI1G | 18.3 | 0.15 | K20CH | 334.233 | 232.488 | 155.946 | 6.704 | 0.15498 | 2.65194 | 3 V |
| K16PI1H | 18.8 | 0.15 | K20CH | 36.347 | 319.328 | 354.933 | 13.639 | 0.26938 | 2.60578 | 2 V |
| K16PI1J | 19.0 | 0.15 | K20CH | 8.368 | 251.588 | 113.047 | 7.941 | 0.24029 | 2.54926 | 2 V |
| K16PI1K | 18.2 | 0.15 | K20CH | 58.262 | 157.271 | 137.645 | 11.537 | 0.12489 | 2.54755 | 2 V |
| K16PI1L | 18.6 | 0.15 | K20CH | 10.081 | 279.588 | 91.547 | 7.931 | 0.11901 | 2.44223 | 2 V |
| K16PI1M | 18.6 | 0.15 | K20CH | 358.559 | 155.586 | 231.211 | 3.960 | 0.12110 | 2.45403 | 2 V |
| K16PI1N | 18.8 | 0.15 | K20CH | 55.402 | 340.222 | 331.057 | 2.099 | 0.18839 | 2.47818 | 2 V |
| K16Q96N | 17.8 | 0.15 | K20CH | 332.645 | 98.316 | 287.586 | 12.806 | 0.10398 | 2.59688 | 3 V |
| K16QA7D | 18.4 | 0.15 | K20CH | 51.235 | 154.563 | 138.186 | 13.971 | 0.23875 | 2.58072 | 2 V |
| K16QB7A | 17.3 | 0.15 | K20CH | 9.625 | 70.306 | 198.227 | 9.682 | 0.03483 | 2.97565 | 3 V |
| K16QB7D | 19.0 | 0.15 | K20CH | 27.821 | 13.021 | 337.995 | 7.657 | 0.19966 | 2.46691 | 2 V |
| K16QB7E | 18.1 | 0.15 | K20CH | 309.209 | 241.512 | 179.401 | 21.911 | 0.05747 | 2.59991 | 2 V |
| K16QB7F | 18.6 | 0.15 | K20CH | 341.663 | 240.343 | 173.515 | 2.580 | 0.16381 | 2.45831 | 2 V |
| K16QB7G | 17.8 | 0.15 | K20CH | 75.257 | 342.367 | 298.924 | 14.071 | 0.20566 | 2.52006 | 2 V |
| K16QB7H | 18.2 | 0.15 | K20CH | 57.307 | 38.288 | 271.225 | 7.365 | 0.13133 | 2.53621 | 3 V |
| K16R03D | 18.1 | 0.15 | K20CH | 33.843 | 41.287 | 324.969 | 15.282 | 0.24090 | 2.42389 | 2 V |
| K16R56X | 17.5 | 0.15 | K20CH | 44.092 | 340.225 | 332.429 | 34.108 | 0.21585 | 2.59390 | 2 V |
| K16R61M | 17.5 | 0.15 | K20CH | 11.670 | 203.747 | 138.860 | 14.165 | 0.26944 | 2.65565 | 4 V |
| K16R61Y | 18.3 | 0.15 | K20CH | 33.614 | 147.257 | 157.427 | 14.224 | 0.27403 | 2.62045 | 2 V |
| K16R64N | 17.5 | 0.15 | K20CH | 1.767 | 63.857 | 343.265 | 23.238 | 0.26985 | 2.55243 | 2 X |
| K16R69H | 16.8 | 0.15 | K20CH | 30.459 | 144.217 | 88.856 | 9.867 | 0.02160 | 3.16787 | 5 V |
| K16R69J | 16.9 | 0.15 | K20CH | 325.447 | 102.610 | 214.134 | 9.183 | 0.05430 | 3.07712 | 4 V |
| K16R69L | 16.7 | 0.15 | K20CH | 6.868 | 348.710 | 292.155 | 8.974 | 0.07949 | 3.04734 | 3 V |
| K16R69N | 19.0 | 0.15 | K20CH | 42.996 | 174.142 | 135.668 | 15.184 | 0.25867 | 2.56402 | 2 V |
| K16R69O | 17.6 | 0.15 | K20CH | 240.073 | 333.454 | 152.312 | 22.447 | 0.02715 | 2.61327 | 3 V |
| K16R69P | 18.6 | 0.15 | K20CH | 36.194 | 186.667 | 156.840 | 2.688 | 0.22455 | 2.57193 | 2 V |
| K16S64N | 17.4 | 0.15 | K20CH | 288.821 | 265.531 | 192.289 | 12.646 | 0.18665 | 2.65120 | 3 V |
| K16S76N | 17.4 | 0.15 | K20CH | 346.771 | 213.244 | 145.738 | 4.943 | 0.12011 | 2.77323 | 6 V |
| K16S76W | 17.2 | 0.15 | K20CH | 352.510 | 157.888 | 161.256 | 9.387 | 0.18479 | 2.93282 | 4 V |
| K16S77D | 17.5 | 0.15 | K20CH | 20.489 | 29.262 | 306.479 | 15.679 | 0.13292 | 2.65060 | 2 V |
| K16S77F | 17.7 | 0.15 | K20CH | 358.530 | 240.269 | 118.758 | 4.757 | 0.11106 | 2.72565 | 5 V |
| K16S77J | 18.2 | 0.15 | K20CH | 23.666 | 202.722 | 118.907 | 3.596 | 0.20820 | 2.64418 | 2 V |
| K16S87P | 17.8 | 0.15 | K20CH | 307.163 | 331.184 | 118.785 | 11.841 | 0.13342 | 2.59718 | 3 V |
| K16S87S | 16.8 | 0.15 | K20CH | 328.016 | 215.424 | 103.844 | 18.915 | 0.20334 | 3.08002 | 3 V |
| K16S87W | 18.7 | 0.15 | K20CH | 47.148 | 309.167 | 9.004 | 4.019 | 0.17202 | 2.56962 | 4 V |
| K16S87Y | 18.2 | 0.15 | K20CH | 328.442 | 274.967 | 152.119 | 11.836 | 0.29077 | 2.64333 | 2 V |
| K16S87Z | 17.8 | 0.15 | K20CH | 352.475 | 276.724 | 94.317 | 6.907 | 0.04460 | 2.69814 | 4 V |
| K16S88A | 18.1 | 0.15 | K20CH | 18.989 | 95.906 | 259.171 | 13.741 | 0.15634 | 2.55391 | 2 V |
| K16S88B | 18.1 | 0.15 | K20CH | 340.229 | 123.983 | 275.089 | 14.114 | 0.12534 | 2.61222 | 2 V |
| K16T40S | 17.7 | 0.15 | K20CH | 88.350 | 249.878 | 14.331 | 13.291 | 0.24890 | 2.58563 | 3 V |
| K16TC5N | 17.6 | 0.15 | K20CH | 7.041 | 222.897 | 116.890 | 14.420 | 0.18957 | 2.67213 | 2 V |
| K16TC6E | 17.0 | 0.15 | K20CH | 13.735 | 205.413 | 130.632 | 30.227 | 0.19131 | 2.78048 | 5 V |
| K16TD5S | 17.8 | 0.15 | K20CH | 25.664 | 35.618 | 316.814 | 7.114 | 0.09765 | 2.60638 | 3 V |
| K16TE3D | 19.3 | 0.15 | K20CH | 15.459 | 160.714 | 206.519 | 6.176 | 0.30873 | 2.59385 | 2 V |
| K16TE4G | 19.4 | 0.15 | K20CH | 3.288 | 193.623 | 190.234 | 7.436 | 0.36441 | 2.60550 | 2 V |
| K16TE4M | 17.6 | 0.15 | K20CH | 59.907 | 9.041 | 283.600 | 4.300 | 0.02710 | 2.72271 | 8 V |
| K16TE4N | 18.2 | 0.15 | K20CH | 334.733 | 121.164 | 286.679 | 2.542 | 0.10824 | 2.62048 | 4 V |
| K16TE4Q | 17.9 | 0.15 | K20CH | 31.906 | 229.781 | 132.625 | 13.461 | 0.25227 | 2.58419 | 3 V |
| K16TE4R | 18.7 | 0.15 | K20CH | 354.668 | 272.329 | 132.418 | 4.805 | 0.20383 | 2.53729 | 4 V |
| K16TE4S | 17.9 | 0.15 | K20CH | 333.044 | 60.637 | 353.127 | 8.509 | 0.09136 | 2.63638 | 3 V |
| K16TE4V | 18.6 | 0.15 | K20CH | 34.777 | 151.888 | 201.090 | 5.697 | 0.32720 | 2.55322 | 2 V |
| K16TE4W | 17.4 | 0.15 | K20CH | 324.439 | 271.749 | 147.833 | 28.643 | 0.21300 | 2.65503 | 2 V |
| K16TE4X | 18.1 | 0.15 | K20CH | 88.928 | 311.040 | 330.104 | 6.998 | 0.06285 | 2.58670 | 3 V |
| K16TE4Y | 17.6 | 0.15 | K20CH | 280.854 | 264.119 | 204.605 | 6.904 | 0.12948 | 2.63937 | 3 V |
| K16TE4Z | 18.0 | 0.15 | K20CH | 53.794 | 327.342 | 353.497 | 3.267 | 0.08005 | 2.57813 | 3 V |
| K16TE5A | 18.1 | 0.15 | K20CH | 50.539 | 278.638 | 14.578 | 12.519 | 0.19596 | 2.67990 | 2 V |
| K16TE5B | 17.6 | 0.15 | K20CH | 9.198 | 356.096 | 14.819 | 6.060 | 0.04225 | 2.68221 | 2 V |
| K16TE5C | 19.1 | 0.15 | K20CH | 357.276 | 58.362 | 335.655 | 12.047 | 0.25661 | 2.59098 | 2 V |
| K16TE5D | 18.0 | 0.15 | K20CH | 4.779 | 178.614 | 198.372 | 12.927 | 0.12486 | 2.66714 | 2 V |
| K16TE5E | 18.5 | 0.15 | K20CH | 8.187 | 206.210 | 187.467 | 18.155 | 0.30367 | 2.57870 | 2 V |
| K16TE5F | 17.4 | 0.15 | K20CH | 33.262 | 151.083 | 220.016 | 32.987 | 0.23048 | 2.59640 | 3 V |
| K16TE5G | 17.3 | 0.15 | K20CH | 359.205 | 221.529 | 185.895 | 13.734 | 0.24158 | 2.63137 | 2 V |
| K16TE5H | 18.3 | 0.15 | K20CH | 358.313 | 50.211 | 346.633 | 5.971 | 0.14667 | 2.57708 | 2 V |
| K16TE5J | 18.0 | 0.15 | K20CH | 52.440 | 23.229 | 306.506 | 11.257 | 0.13276 | 2.55675 | 2 V |
| K16TE5K | 17.5 | 0.15 | K20CH | 325.866 | 358.984 | 76.940 | 13.754 | 0.13765 | 2.62163 | 2 V |
| K16U23P | 18.0 | 0.15 | K20CH | 63.556 | 283.352 | 23.906 | 5.577 | 0.05444 | 2.68555 | 3 V |
| K16UA5K | 17.8 | 0.15 | K20CH | 356.488 | 125.462 | 230.748 | 3.456 | 0.08329 | 2.75366 | 3 V |
| K16UG6E | 18.1 | 0.15 | K20CH | 96.025 | 89.316 | 189.113 | 3.508 | 0.07610 | 2.62433 | 3 V |
| K16U09L | 16.8 | 0.15 | K20CH | 57.776 | 351.157 | 283.504 | 14.376 | 0.13376 | 2.83213 | 8 V |
| K16UP7B | 17.8 | 0.15 | K20CH | 28.733 | 21.147 | 320.534 | 4.483 | 0.15926 | 2.65006 | 6 V |
| K16UP7D | 16.5 | 0.15 | K20CH | 320.633 | 256.665 | 70.172 | 4.381 | 0.18529 | 3.13238 | 6 V |
| K16UP7E | 18.0 | 0.15 | K20CH | 33.864 | 346.179 | 1.024 | 17.155 | 0.15201 | 2.58720 | 3 V |
| K16UP7F | 18.4 | 0.15 | K20CH | 16.986 | 321.998 | 33.139 | 8.071 | 0.26178 | 2.66393 | 3 V |
| K16UP7G | 18.0 | 0.15 | K20CH | 253.393 | 141.685 | 351.941 | 21.835 | 0.04651 | 2.58752 | 3 V |
| K16UP7H | 17.5 | 0.15 | K20CH | 61.279 | 302.216 | 334.561 | 13.385 | 0.18056 | 2.71697 | 3 V |
| K16UP7J | 17.9 | 0.15 | K20CH | 37.270 | 111.139 | 225.414 | 5.254 | 0.05830 | 2.68982 | 2 V |
| K16UP7K | 18.8 | 0.15 | K20CH | 8.955 | 10.384 | 4.171 | 3.803 | 0.21971 | 2.57736 | 2 V |
| K16UP7L | 18.2 | 0.15 | K20CH | 333.368 | 149.839 | 263.362 | 5.200 | 0.12209 | 2.65146 | 2 V |
| K16UP7M | 17.7 | 0.15 | K20CH | 349.491 | 333.350 | 56.602 | 6.437 | 0.17765 | 2.65395 | 2 V |
| K16UP7N | 17.6 | 0.15 | K20CH | 44.799 | 332.682 | 14.768 | 18.902 | 0.22431 | 2.54190 | 2 V |
| K16V32P | 17.7 | 0.15 | K20CH | 19.996 | 139.785 | 207.881 | 6.056 | 0.09879 | 2.73860 | 3 V |
| K16V36H | 18.0 | 0.15 | K20CH | 25.666 | 0.627 | 8.243 | 6.979 | 0.35688 | 2.63566 | 2 V |
| K16V36L | 18.0 | 0.15 | K20CH | 7.582 | 152.490 | 241.324 | 4.185 | 0.15942 | 2.61399 | 2 V |

| | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|-----|
| K16V36N | 17.0 | 0.15 | K20CH | 321.939 | 224.942 | 107.844 | 13.243 | 0.22511 | 3.11664 | 3 V |
| K16V36P | 16.8 | 0.15 | K20CH | 336.267 | 99.601 | 212.152 | 9.046 | 0.21848 | 3.13373 | 4 V |
| K16V36R | 18.3 | 0.15 | K20CH | 354.786 | 156.767 | 232.340 | 13.333 | 0.25203 | 2.68690 | 2 V |
| K16V36S | 18.4 | 0.15 | K20CH | 19.831 | 94.479 | 260.926 | 4.947 | 0.23822 | 2.62653 | 2 V |
| K16V36T | 17.2 | 0.15 | K20CH | 316.834 | 329.097 | 78.707 | 6.396 | 0.02240 | 2.81433 | 4 V |
| K16V36U | 18.3 | 0.15 | K20CH | 1.740 | 123.936 | 248.648 | 12.109 | 0.16209 | 2.67819 | 2 V |
| K16V36V | 18.3 | 0.15 | K20CH | 347.441 | 218.840 | 188.674 | 13.565 | 0.25629 | 2.64411 | 2 V |
| K16W11X | 17.9 | 0.15 | K20CH | 0.407 | 43.481 | 320.790 | 12.343 | 0.27163 | 2.64767 | 3 V |
| K16W32A | 17.5 | 0.15 | K20CH | 48.718 | 356.826 | 347.609 | 8.772 | 0.18841 | 2.55478 | 3 V |
| K16W44G | 17.0 | 0.15 | K20CH | 323.098 | 187.611 | 252.244 | 21.058 | 0.06297 | 2.65876 | 3 X |
| K16W65N | 17.9 | 0.15 | K20CH | 26.484 | 86.525 | 273.537 | 5.899 | 0.05924 | 2.71395 | 4 V |
| K16W65P | 17.5 | 0.15 | K20CH | 9.719 | 54.871 | 311.690 | 2.702 | 0.10864 | 2.75793 | 2 V |
| K16W65Q | 18.4 | 0.15 | K20CH | 13.945 | 41.554 | 324.457 | 4.708 | 0.18949 | 2.69884 | 2 V |
| K16W65R | 17.4 | 0.15 | K20CH | 8.578 | 190.142 | 183.080 | 14.074 | 0.14322 | 2.68965 | 2 V |
| K16X16Z | 17.6 | 0.15 | K20CH | 37.583 | 92.874 | 264.651 | 11.924 | 0.13736 | 2.58973 | 3 V |
| K16Y19Z | 16.8 | 0.15 | K20CH | 211.245 | 117.688 | 50.743 | 10.632 | 0.06030 | 3.07758 | 3 V |
| K17A12L | 16.7 | 0.15 | K20CH | 335.533 | 147.662 | 277.490 | 16.121 | 0.07016 | 2.84204 | 6 X |
| K17A37V | 17.2 | 0.15 | K20CH | 293.278 | 150.358 | 290.842 | 9.256 | 0.19355 | 3.15496 | 4 V |
| K17A37X | 17.0 | 0.15 | K20CH | 320.004 | 263.570 | 146.325 | 15.844 | 0.10953 | 3.06794 | 2 V |
| K17B07T | 15.0 | 0.15 | K20CH | 170.268 | 299.349 | 278.401 | 24.427 | 0.05271 | 3.14966 | 8 X |
| K17B10L | 17.1 | 0.15 | K20CH | 288.982 | 135.579 | 307.451 | 16.517 | 0.18504 | 3.09417 | 3 V |
| K17BC7F | 17.2 | 0.15 | K20CH | 0.119 | 270.661 | 136.444 | 13.225 | 0.27878 | 2.71331 | 5 X |
| K17BG4V | 17.2 | 0.15 | K20CH | 313.024 | 88.482 | 331.123 | 14.707 | 0.12478 | 3.12774 | 4 V |
| K17BG4W | 14.5 | 0.15 | K20CH | 293.302 | 203.853 | 112.494 | 10.479 | 0.02846 | 5.18412 | 6 V |
| K17BG4X | 14.7 | 0.15 | K20CH | 42.084 | 79.444 | 134.177 | 18.764 | 0.06478 | 5.20591 | 3 V |
| K17BG4Y | 16.4 | 0.15 | K20CH | 105.407 | 329.953 | 293.660 | 20.173 | 0.02238 | 3.23516 | 2 V |
| K17BG4Z | 17.3 | 0.15 | K20CH | 356.109 | 135.255 | 278.993 | 12.271 | 0.18762 | 2.73448 | 2 V |
| K17BG5A | 18.3 | 0.15 | K20CH | 347.433 | 147.749 | 275.301 | 8.183 | 0.25603 | 2.69434 | 2 V |
| K17BG5B | 17.3 | 0.15 | K20CH | 355.050 | 86.376 | 304.767 | 8.555 | 0.16903 | 2.97809 | 2 V |
| K17BG5C | 17.3 | 0.15 | K20CH | 320.623 | 277.763 | 132.198 | 10.801 | 0.11922 | 3.07267 | 2 V |
| K17BG5D | 16.7 | 0.15 | K20CH | 315.265 | 122.753 | 286.040 | 8.487 | 0.08092 | 3.17857 | 2 V |
| K17BG5E | 17.0 | 0.15 | K20CH | 304.283 | 118.494 | 313.337 | 10.088 | 0.05923 | 3.12892 | 2 V |
| K17BG5F | 17.5 | 0.15 | K20CH | 328.879 | 2.535 | 71.833 | 14.286 | 0.18441 | 2.85295 | 2 V |
| K17BG5G | 17.2 | 0.15 | K20CH | 0.378 | 48.769 | 341.663 | 12.572 | 0.17324 | 2.96442 | 2 V |
| K17D20M | 17.7 | 0.15 | K20CH | 9.162 | 271.983 | 149.581 | 25.038 | 0.34448 | 2.63547 | 4 X |
| K17D57P | 16.9 | 0.15 | K20CH | 304.501 | 25.932 | 53.732 | 11.027 | 0.18872 | 3.11806 | 3 V |
| K17D78G | 15.7 | 0.15 | K20CH | 263.705 | 169.206 | 325.797 | 24.857 | 0.07439 | 3.17156 | 6 X |
| K17DD3S | 16.7 | 0.15 | K20CH | 298.781 | 146.143 | 304.666 | 16.304 | 0.20124 | 3.15456 | 2 V |
| K17E17H | 16.6 | 0.15 | K20CH | 271.399 | 86.096 | 47.805 | 7.984 | 0.04215 | 3.26010 | 5 V |
| K17H21F | 17.5 | 0.15 | K20CH | 278.335 | 1.717 | 227.309 | 13.969 | 0.12034 | 2.64306 | 4 X |
| K17K39V | 19.1 | 0.15 | K20CH | 70.135 | 103.857 | 194.946 | 21.447 | 0.10877 | 1.94999 | 2 V |
| K17M17G | 19.2 | 0.15 | K20CH | 57.081 | 91.517 | 152.782 | 1.431 | 0.12407 | 2.20903 | 4 V |
| K17M17J | 19.0 | 0.15 | K20CH | 36.535 | 202.215 | 54.029 | 2.566 | 0.19435 | 2.22769 | 4 V |
| K17N15L | 18.9 | 0.15 | K20CH | 9.223 | 41.770 | 261.601 | 3.463 | 0.22508 | 2.24168 | 4 V |
| K17OA0T | 18.3 | 0.15 | K20CH | 19.372 | 21.140 | 262.766 | 7.140 | 0.09044 | 2.34410 | 5 V |
| K17OA0V | 19.1 | 0.15 | K20CH | 352.362 | 263.898 | 65.076 | 1.864 | 0.29654 | 2.25317 | 4 V |
| K17P56B | 19.0 | 0.15 | K20CH | 30.298 | 113.102 | 211.816 | 1.321 | 0.17607 | 2.22597 | 4 V |
| K17QA2L | 18.6 | 0.15 | K20CH | 349.393 | 230.609 | 93.221 | 7.641 | 0.13131 | 2.36803 | 4 V |
| K17SL2A | 19.4 | 0.15 | K20CH | 27.831 | 176.550 | 156.291 | 4.710 | 0.22506 | 2.18776 | 2 V |
| K17SL2B | 19.5 | 0.15 | K20CH | 28.994 | 33.170 | 294.428 | 6.050 | 0.20206 | 2.19976 | 2 V |
| K17SL2F | 19.0 | 0.15 | K20CH | 62.692 | 148.251 | 129.002 | 7.455 | 0.20448 | 2.21136 | 2 V |
| K17SM5X | 17.9 | 0.15 | K20CH | 327.105 | 222.214 | 96.962 | 8.656 | 0.03397 | 2.61137 | 7 V |
| K17SM6B | 17.8 | 0.15 | K20CH | 188.010 | 276.264 | 172.297 | 14.255 | 0.07907 | 2.68781 | 5 V |
| K17SM6D | 17.2 | 0.15 | K20CH | 355.211 | 203.667 | 36.165 | 13.265 | 0.08168 | 2.98530 | 4 V |
| K17SM6E | 16.7 | 0.15 | K20CH | 281.467 | 83.859 | 215.019 | 10.797 | 0.05730 | 3.11881 | 4 V |
| K17SM6F | 17.4 | 0.15 | K20CH | 14.392 | 19.329 | 259.151 | 7.699 | 0.09487 | 2.53389 | 5 V |
| K17SM6G | 17.9 | 0.15 | K20CH | 317.086 | 118.418 | 231.236 | 5.605 | 0.11833 | 2.46591 | 2 V |
| K17SM6H | 19.3 | 0.15 | K20CH | 74.412 | 340.322 | 314.589 | 7.518 | 0.23582 | 2.11261 | 2 V |
| K17T00F | 18.0 | 0.15 | K20CH | 317.813 | 193.345 | 290.540 | 14.758 | 0.29820 | 2.05117 | 2 X |
| K17U88B | 18.6 | 0.15 | K20CH | 229.357 | 122.393 | 39.979 | 6.170 | 0.04590 | 2.21412 | 3 V |
| K17UA9A | 19.0 | 0.15 | K20CH | 11.793 | 215.931 | 132.867 | 9.280 | 0.17866 | 2.25948 | 3 V |
| K17UB9V | 17.6 | 0.15 | K20CH | 346.634 | 229.510 | 67.573 | 8.795 | 0.01086 | 2.88516 | 5 V |
| K17UB9X | 17.8 | 0.15 | K20CH | 321.330 | 264.153 | 78.978 | 3.464 | 0.15474 | 2.64832 | 5 V |
| K17UB9Z | 16.8 | 0.15 | K20CH | 121.681 | 46.934 | 92.460 | 17.934 | 0.05317 | 3.21513 | 4 V |
| K17UC0B | 18.6 | 0.15 | K20CH | 357.703 | 215.318 | 145.235 | 5.380 | 0.09227 | 2.34525 | 4 V |
| K17UC0F | 17.8 | 0.15 | K20CH | 17.571 | 12.531 | 255.625 | 2.553 | 0.05247 | 2.80427 | 4 V |
| K17UC0H | 17.7 | 0.15 | K20CH | 335.636 | 133.389 | 182.487 | 13.485 | 0.11694 | 2.60581 | 3 V |
| K17UC0L | 16.7 | 0.15 | K20CH | 39.735 | 133.513 | 84.422 | 17.532 | 0.02108 | 3.13006 | 6 V |
| K17V12T | 20.3 | 0.15 | K20CH | 327.457 | 142.922 | 18.713 | 6.568 | 0.47259 | 1.32143 | 4 X |
| K17V46C | 17.1 | 0.15 | K20CH | 98.054 | 69.475 | 102.902 | 12.125 | 0.01544 | 3.02182 | 4 V |
| K17V46D | 17.6 | 0.15 | K20CH | 272.516 | 198.317 | 179.171 | 6.257 | 0.01661 | 2.74023 | 9 V |
| K17W30B | 17.5 | 0.15 | K20CH | 310.697 | 146.552 | 330.763 | 21.947 | 0.26901 | 2.32577 | 4 X |
| K17W47X | 19.7 | 0.15 | K20CH | 20.811 | 201.750 | 141.885 | 5.408 | 0.26464 | 2.23917 | 2 V |
| K17W52Q | 17.0 | 0.15 | K20CH | 201.696 | 216.496 | 195.765 | 7.996 | 0.04077 | 3.21754 | 4 V |
| K17W52T | 16.9 | 0.15 | K20CH | 77.472 | 114.062 | 72.912 | 11.591 | 0.07727 | 3.21522 | 5 V |
| K17W52U | 17.1 | 0.15 | K20CH | 329.786 | 51.349 | 238.594 | 13.165 | 0.02515 | 3.13111 | 4 V |
| K17W52W | 17.0 | 0.15 | K20CH | 160.664 | 22.569 | 70.548 | 21.523 | 0.12114 | 3.21589 | 3 V |
| K17W52X | 18.1 | 0.15 | K20CH | 93.071 | 193.122 | 74.218 | 6.313 | 0.06035 | 2.31619 | 2 V |
| K17W52Y | 18.2 | 0.15 | K20CH | 287.570 | 333.999 | 107.208 | 6.936 | 0.01900 | 2.34435 | 3 V |
| K17X75J | 17.5 | 0.15 | K20CH | 336.235 | 241.958 | 91.133 | 5.537 | 0.24907 | 2.60402 | 5 V |
| K17X75K | 17.4 | 0.15 | K20CH | 226.939 | 120.167 | 16.229 | 13.872 | 0.11259 | 2.57770 | 2 V |
| K17X75L | 17.2 | 0.15 | K20CH | 96.420 | 343.203 | 289.193 | 21.217 | 0.03222 | 2.58460 | 2 V |
| K17Y03H | 17.1 | 0.15 | K20CH | 346.059 | 186.357 | 240.959 | 25.570 | 0.27315 | 2.28578 | 7 X |
| K17Y28L | 16.4 | 0.15 | K20CH | 46.366 | 158.876 | 117.609 | 14.178 | 0.25535 | 3.17421 | 6 V |
| K17Y34B | 17.7 | 0.15 | K20CH | 205.235 | 306.107 | 243.749 | 9.518 | 0.15886 | 2.54751 | 2 V |
| K18A18F | 18.2 | 0.15 | K20CH | 4.612 | 41.830 | 326.540 | 3.544 | 0.14449 | 2.60091 | 3 V |
| K18A33N | 18.7 | 0.15 | K20CH | 344.461 | 261.621 | 146.865 | 8.411 | 0.10253 | 2.40484 | 4 V |
| K18A33O | 18.2 | 0.15 | K20CH | 320.580 | 342.286 | 64.615 | 5.113 | 0.22767 | 2.52922 | 4 V |
| K18A33P | 14.8 | 0.15 | K20CH | 11.999 | 90.275 | 146.847 | 15.702 | 0.08172 | 5.26120 | 5 V |
| K18A33Q | 17.7 | 0.15 | K20CH | 202.782 | 227.374 | 298.252 | 10.719 | 0.05954 | 2.69066 | 4 V |
| K18A33R | 17.9 | 0.15 | K20CH | 42.870 | 9.795 | 319.706 | 7.788 | 0.07042 | 2.69534 | 2 V |
| K18A33S | 18.1 | 0.15 | K20CH | 319.863 | 119.596 | 304.455 | 1.786 | 0.05332 | 2.60103 | 2 V |
| K18B21D | 17.8 | 0.15 | K20CH | 2.929 | 176.087 | 191.125 | 6.175 | 0.07886 | 2.69322 | 5 V |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K18B21E | 17.3 | 0.15 | K20CH | 355.525 | 188.695 | 164.629 | 9.099 | 0.05943 | 2.90727 | 7 | V |
| K18B21F | 18.3 | 0.15 | K20CH | 28.474 | 235.231 | 138.732 | 6.278 | 0.18350 | 2.32333 | 2 | V |
| K18B21G | 17.6 | 0.15 | K20CH | 7.421 | 66.073 | 297.041 | 5.287 | 0.03972 | 2.68910 | 3 | V |
| K18B21H | 18.0 | 0.15 | K20CH | 88.690 | 146.777 | 137.765 | 2.699 | 0.05137 | 2.67234 | 2 | V |
| K18B21J | 18.2 | 0.15 | K20CH | 307.604 | 103.948 | 330.890 | 14.528 | 0.08228 | 2.56574 | 2 | V |
| K18C21A | 16.6 | 0.15 | K20CH | 327.884 | 218.099 | 165.560 | 7.640 | 0.05204 | 3.10968 | 9 | V |
| K18D04P | 17.2 | 0.15 | K20CH | 198.816 | 340.807 | 270.942 | 15.119 | 0.42634 | 2.68453 | 5 | X |
| K18F37H | 17.5 | 0.15 | K20CH | 303.269 | 231.303 | 206.710 | 5.860 | 0.03405 | 2.88772 | 2 | V |
| K18F37J | 16.7 | 0.15 | K20CH | 220.452 | 334.607 | 180.590 | 16.824 | 0.04317 | 3.08513 | 2 | V |
| K18F37K | 16.5 | 0.15 | K20CH | 284.745 | 323.168 | 116.983 | 12.314 | 0.05009 | 3.00283 | 2 | V |
| K18N26O | 17.6 | 0.15 | K20CH | 144.432 | 301.367 | 95.726 | 13.787 | 0.18832 | 2.60776 | 4 | V |
| K18U30B | 18.5 | 0.15 | K20CH | 199.104 | 210.956 | 257.676 | 16.789 | 0.07348 | 2.01004 | 4 | V |
| K18VD1J | 18.9 | 0.15 | K20CH | 265.695 | 348.473 | 67.433 | 23.680 | 0.08924 | 1.91799 | 4 | V |
| K18X26B | 18.4 | 0.15 | K20CH | 271.987 | 159.895 | 293.496 | 19.188 | 0.07740 | 1.90940 | 5 | V |
| K19A63N | 18.3 | 0.15 | K20CH | 109.402 | 132.255 | 119.217 | 7.965 | 0.20812 | 2.30849 | 3 | V |
| K19A68O | 17.6 | 0.15 | K20CH | 49.969 | 21.251 | 203.915 | 2.436 | 0.13667 | 3.03653 | 4 | V |
| K19A68Q | 17.3 | 0.15 | K20CH | 44.174 | 153.377 | 73.410 | 9.983 | 0.07101 | 3.02097 | 4 | V |
| K19A68R | 17.5 | 0.15 | K20CH | 67.904 | 144.792 | 52.655 | 11.332 | 0.14788 | 3.13882 | 4 | V |
| K19A68T | 16.7 | 0.15 | K20CH | 79.804 | 280.445 | 274.358 | 7.148 | 0.04773 | 3.07668 | 4 | V |
| K19A68U | 17.1 | 0.15 | K20CH | 105.238 | 338.029 | 181.164 | 11.430 | 0.03419 | 3.15487 | 4 | V |
| K19A68V | 18.0 | 0.15 | K20CH | 36.799 | 106.740 | 150.715 | 5.071 | 0.03053 | 2.67119 | 4 | V |
| K19A68W | 17.1 | 0.15 | K20CH | 100.686 | 285.162 | 244.948 | 8.577 | 0.05703 | 3.13484 | 5 | V |
| K19A68X | 16.6 | 0.15 | K20CH | 307.027 | 204.158 | 120.443 | 10.710 | 0.05589 | 3.16943 | 8 | V |
| K19A68Z | 16.9 | 0.15 | K20CH | 127.868 | 9.172 | 99.931 | 10.974 | 0.05282 | 3.17063 | 4 | V |
| K19B04T | 19.1 | 0.15 | K20CH | 74.277 | 349.175 | 335.727 | 18.830 | 0.09542 | 1.87574 | 2 | X |
| K19B10B | 18.9 | 0.15 | K20CH | 321.696 | 80.641 | 4.908 | 20.396 | 0.11584 | 1.82550 | 4 | V |
| K19B10C | 17.1 | 0.15 | K20CH | 79.716 | 108.672 | 92.300 | 9.699 | 0.07185 | 3.09220 | 4 | V |
| K19C03H | 18.9 | 0.15 | K20CH | 70.577 | 343.994 | 340.453 | 19.686 | 0.11664 | 1.92154 | 4 | X |
| K19C16D | 18.9 | 0.15 | K20CH | 329.143 | 82.559 | 343.255 | 18.966 | 0.11754 | 1.92249 | 2 | V |
| K19C16E | 16.8 | 0.15 | K20CH | 177.519 | 305.152 | 140.525 | 11.321 | 0.05985 | 3.20662 | 4 | V |
| K19C16F | 17.0 | 0.15 | K20CH | 64.073 | 20.096 | 221.667 | 10.884 | 0.27234 | 3.01506 | 7 | V |
| K19C16G | 17.0 | 0.15 | K20CH | 115.131 | 84.280 | 95.292 | 26.207 | 0.20228 | 3.23177 | 4 | V |
| K19C16H | 18.4 | 0.15 | K20CH | 136.911 | 287.516 | 306.199 | 5.867 | 0.05578 | 2.23289 | 2 | V |
| K19F03H | 17.6 | 0.15 | K20CH | 7.087 | 69.709 | 328.938 | 19.849 | 0.04961 | 1.89413 | 7 | X |
| K19F17X | 17.7 | 0.15 | K20CH | 87.787 | 225.461 | 38.421 | 12.193 | 0.14243 | 2.62408 | 3 | V |
| K19F19S | 16.2 | 0.15 | K20CH | 209.798 | 126.978 | 290.993 | 9.881 | 0.09433 | 3.20845 | 6 | V |
| K19G59Y | 17.6 | 0.15 | K20CH | 150.033 | 320.339 | 234.423 | 8.845 | 0.07875 | 2.60608 | 6 | V |
| K19G59Z | 17.1 | 0.15 | K20CH | 69.696 | 305.961 | 313.834 | 6.196 | 0.17297 | 3.13976 | 5 | V |
| K19G74S | 14.7 | 0.15 | K20CH | 226.879 | 190.936 | 199.301 | 26.664 | 0.05871 | 5.09889 | 4 | V |
| K19G74V | 14.4 | 0.15 | K20CH | 318.714 | 141.018 | 166.161 | 9.343 | 0.03044 | 5.32468 | 7 | V |
| K19G74W | 17.6 | 0.15 | K20CH | 18.009 | 262.330 | 74.211 | 9.326 | 0.17419 | 2.76377 | 4 | V |
| K19G75B | 17.7 | 0.15 | K20CH | 64.021 | 6.667 | 299.098 | 7.790 | 0.09648 | 2.66143 | 4 | V |
| K19G75E | 14.7 | 0.15 | K20CH | 12.326 | 44.278 | 195.861 | 23.034 | 0.08041 | 5.18506 | 4 | V |
| K19G75F | 14.4 | 0.15 | K20CH | 312.342 | 236.995 | 67.020 | 31.218 | 0.07719 | 5.18051 | 4 | V |
| K19G75J | 18.5 | 0.15 | K20CH | 68.783 | 37.149 | 276.275 | 4.329 | 0.15103 | 2.28814 | 2 | V |
| K19G75K | 18.1 | 0.15 | K20CH | 97.886 | 29.662 | 239.346 | 3.067 | 0.06461 | 2.51778 | 2 | V |
| K19G75L | 17.9 | 0.15 | K20CH | 55.823 | 94.472 | 217.713 | 6.885 | 0.17551 | 2.59077 | 2 | V |
| K19G75M | 19.1 | 0.15 | K20CH | 333.955 | 89.552 | 342.698 | 18.471 | 0.11414 | 1.93356 | 2 | V |
| K19G75N | 17.9 | 0.15 | K20CH | 79.801 | 318.293 | 316.417 | 6.659 | 0.16242 | 2.72110 | 2 | V |
| K19G75O | 18.2 | 0.15 | K20CH | 76.495 | 63.512 | 216.724 | 16.140 | 0.11948 | 2.57564 | 2 | V |
| K19G75P | 18.7 | 0.15 | K20CH | 77.270 | 346.223 | 308.918 | 4.770 | 0.11970 | 2.36452 | 2 | V |
| K19G75Q | 18.7 | 0.15 | K20CH | 45.924 | 338.236 | 348.040 | 4.990 | 0.11900 | 2.39650 | 2 | V |
| K19G75R | 18.1 | 0.15 | K20CH | 58.562 | 35.149 | 267.791 | 4.501 | 0.18588 | 2.61646 | 2 | V |
| K19H09T | 18.0 | 0.15 | K20CH | 53.096 | 253.551 | 41.807 | 9.126 | 0.12871 | 2.75506 | 2 | V |
| K19H09U | 17.7 | 0.15 | K20CH | 49.985 | 82.650 | 218.811 | 15.326 | 0.22751 | 3.09755 | 2 | V |
| K19J08S | 17.7 | 0.15 | K20CH | 65.290 | 318.713 | 328.746 | 15.020 | 0.26259 | 2.67091 | 2 | V |
| K19J66T | 16.3 | 0.15 | K20CH | 12.440 | 203.865 | 113.663 | 10.963 | 0.09459 | 3.17073 | 4 | V |
| K19J67O | 17.9 | 0.15 | K20CH | 103.306 | 219.169 | 46.602 | 5.360 | 0.08060 | 2.75327 | 2 | V |
| K19J77H | 17.9 | 0.15 | K20CH | 62.538 | 44.847 | 256.772 | 3.452 | 0.12424 | 2.67240 | 4 | V |
| K19J77M | 16.8 | 0.15 | K20CH | 353.978 | 234.307 | 125.896 | 12.780 | 0.07098 | 3.15246 | 4 | V |
| K19J77N | 17.3 | 0.15 | K20CH | 4.985 | 269.671 | 80.844 | 10.669 | 0.10914 | 3.01446 | 4 | V |
| K19J77P | 17.9 | 0.15 | K20CH | 37.248 | 237.236 | 106.593 | 4.418 | 0.19052 | 2.66482 | 2 | V |
| K19J77Q | 18.0 | 0.15 | K20CH | 62.295 | 250.107 | 59.201 | 4.152 | 0.08125 | 2.68994 | 2 | V |
| K19J77R | 16.9 | 0.15 | K20CH | 29.982 | 81.132 | 245.456 | 7.920 | 0.14300 | 3.11325 | 2 | V |
| K19J77S | 17.4 | 0.15 | K20CH | 71.332 | 65.025 | 228.493 | 4.333 | 0.08115 | 2.89915 | 2 | V |
| K19J77T | 17.6 | 0.15 | K20CH | 69.888 | 101.682 | 176.071 | 11.733 | 0.20047 | 3.10160 | 2 | V |
| K19J77U | 17.1 | 0.15 | K20CH | 55.958 | 123.768 | 174.635 | 14.755 | 0.16828 | 3.10020 | 2 | V |
| K19J77V | 17.9 | 0.15 | K20CH | 33.594 | 102.544 | 228.599 | 3.160 | 0.17227 | 2.75468 | 2 | V |
| K19J77W | 17.1 | 0.15 | K20CH | 99.071 | 139.767 | 110.148 | 11.332 | 0.04717 | 2.99566 | 2 | V |
| K19J77X | 17.7 | 0.15 | K20CH | 359.616 | 260.438 | 105.842 | 7.456 | 0.05913 | 2.71744 | 2 | V |
| K19K28J | 17.4 | 0.15 | K20CH | 358.254 | 138.814 | 227.798 | 9.273 | 0.11020 | 2.95417 | 2 | V |
| K19K28K | 17.5 | 0.15 | K20CH | 70.774 | 33.661 | 271.799 | 12.651 | 0.25410 | 2.66267 | 2 | V |
| K19K28M | 16.9 | 0.15 | K20CH | 69.178 | 16.857 | 270.593 | 13.600 | 0.10629 | 2.97195 | 2 | V |
| K19K28P | 17.1 | 0.15 | K20CH | 27.945 | 157.190 | 187.256 | 9.797 | 0.07666 | 2.87520 | 6 | V |
| K19K28T | 17.2 | 0.15 | K20CH | 72.911 | 343.826 | 301.004 | 9.473 | 0.13522 | 2.97348 | 2 | V |
| K19K28U | 17.2 | 0.15 | K20CH | 16.161 | 306.501 | 36.520 | 11.862 | 0.08457 | 3.01639 | 2 | V |
| K19K28V | 17.7 | 0.15 | K20CH | 16.551 | 142.297 | 217.496 | 5.322 | 0.08145 | 2.71549 | 2 | V |
| K19K28W | 17.1 | 0.15 | K20CH | 16.753 | 143.647 | 224.253 | 8.688 | 0.25971 | 3.06114 | 2 | V |
| K19K28X | 16.9 | 0.15 | K20CH | 39.859 | 133.727 | 185.376 | 26.548 | 0.19933 | 3.19908 | 2 | V |
| K19K28Y | 17.1 | 0.15 | K20CH | 125.490 | 166.078 | 60.638 | 5.777 | 0.07909 | 3.03292 | 2 | V |
| K19K28Z | 16.9 | 0.15 | K20CH | 55.388 | 25.616 | 265.639 | 7.324 | 0.10590 | 3.12594 | 2 | V |
| K19L18M | 17.4 | 0.15 | K20CH | 34.568 | 299.565 | 20.877 | 9.139 | 0.10508 | 3.11504 | 4 | V |
| K19L18Q | 17.6 | 0.15 | K20CH | 35.875 | 135.444 | 197.651 | 11.278 | 0.09664 | 2.85109 | 2 | V |
| K19L18R | 17.6 | 0.15 | K20CH | 1.218 | 227.575 | 152.912 | 4.978 | 0.08167 | 2.78186 | 2 | V |
| K19L18S | 17.5 | 0.15 | K20CH | 217.322 | 332.417 | 189.614 | 14.378 | 0.02836 | 2.60371 | 2 | V |
| K19L18T | 17.9 | 0.15 | K20CH | 33.322 | 181.180 | 164.316 | 6.229 | 0.04921 | 2.76162 | 2 | V |
| K19L18U | 17.1 | 0.15 | K20CH | 58.680 | 58.871 | 245.654 | 9.065 | 0.09793 | 3.10928 | 2 | V |
| K19M15Q | 14.5 | 0.15 | K20CH | 349.406 | 107.335 | 272.768 | 11.436 | 0.11594 | 5.24767 | 4 | V |
| K19N48L | 14.8 | 0.15 | K20CH | 21.253 | 5.490 | 337.663 | 6.700 | 0.04089 | 5.11474 | 2 | V |
| K19N48M | 16.8 | 0.15 | K20CH | 280.641 | 321.360 | 115.888 | 10.228 | 0.02673 | 3.09001 | 2 | V |
| K19O26T | 14.7 | 0.15 | K20CH | 351.170 | 190.439 | 186.729 | 31.574 | 0.10296 | 5.22555 | 2 | V |
| K19P41U | 15.0 | 0.15 | K20CH | 316.922 | 66.364 | 347.693 | 6.874 | 0.09274 | 5.11956 | 2 | V |
| K19R08E | 16.1 | 0.15 | K20CH | 8.946 | 118.827 | 334.145 | 15.929 | 0.21271 | 3.13517 | 5 | X |

| | | | | | | | | | | | |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|---|---|
| K20B38F | 17.5 | 0.15 | K20CH | 99.709 | 190.849 | 261.667 | 8.138 | 0.07001 | 3.01654 | 3 | V |
| K20H67A | 16.9 | 0.15 | K20CH | 313.366 | 57.827 | 260.129 | 8.206 | 0.11500 | 3.19339 | 4 | V |
| K20H67B | 17.1 | 0.15 | K20CH | 40.652 | 88.222 | 136.950 | 10.446 | 0.06137 | 3.17552 | 4 | V |
| K20H67C | 17.8 | 0.15 | K20CH | 42.306 | 91.913 | 142.277 | 7.571 | 0.00538 | 2.75727 | 4 | V |
| K20H67D | 17.2 | 0.15 | K20CH | 353.055 | 130.972 | 147.486 | 10.160 | 0.06536 | 3.06251 | 4 | V |
| K20H67E | 16.9 | 0.15 | K20CH | 338.954 | 129.681 | 168.245 | 11.648 | 0.05365 | 3.21237 | 6 | V |
| K20H67F | 17.2 | 0.15 | K20CH | 42.714 | 56.255 | 172.815 | 9.791 | 0.03225 | 3.01682 | 4 | V |
| K20H67G | 16.9 | 0.15 | K20CH | 25.901 | 81.221 | 160.299 | 9.662 | 0.01933 | 3.15607 | 4 | V |
| K20H67H | 17.3 | 0.15 | K20CH | 300.173 | 226.164 | 102.783 | 10.385 | 0.00638 | 3.09964 | 5 | V |
| K20H67J | 15.0 | 0.15 | K20CH | 1.453 | 121.683 | 122.140 | 10.554 | 0.07794 | 5.28428 | 6 | V |
| K20H67K | 14.9 | 0.15 | K20CH | 327.696 | 153.984 | 140.736 | 13.765 | 0.10401 | 5.21421 | 5 | V |
| K20H67L | 17.0 | 0.15 | K20CH | 357.557 | 195.021 | 86.212 | 18.492 | 0.16603 | 3.11707 | 6 | V |
| K20H67M | 18.0 | 0.15 | K20CH | 356.400 | 307.901 | 335.106 | 7.675 | 0.14771 | 2.72141 | 4 | V |
| K20H67N | 16.9 | 0.15 | K20CH | 32.989 | 301.417 | 292.669 | 4.079 | 0.08750 | 3.18684 | 5 | V |
| K20H67O | 14.7 | 0.15 | K20CH | 304.293 | 233.629 | 66.221 | 6.981 | 0.01935 | 5.23924 | 6 | V |
| K20H67P | 14.7 | 0.15 | K20CH | 327.406 | 224.975 | 62.030 | 15.231 | 0.08279 | 5.22493 | 6 | V |
| K20H67Q | 18.3 | 0.15 | K20CH | 353.475 | 239.278 | 85.537 | 9.791 | 0.28453 | 2.48673 | 4 | V |
| K20H67R | 17.7 | 0.15 | K20CH | 358.648 | 192.866 | 87.681 | 5.761 | 0.03108 | 2.75739 | 5 | V |
| K20H67S | 17.4 | 0.15 | K20CH | 72.803 | 339.680 | 209.577 | 10.343 | 0.16373 | 3.14833 | 4 | V |
| K20H67T | 16.7 | 0.15 | K20CH | 330.579 | 172.530 | 132.388 | 12.519 | 0.10363 | 3.15754 | 6 | V |
| K20H67U | 17.0 | 0.15 | K20CH | 34.247 | 48.320 | 194.283 | 8.045 | 0.02873 | 3.03831 | 5 | V |
| K20J21P | 18.9 | 0.15 | K20CH | 62.769 | 38.923 | 199.786 | 6.515 | 0.10435 | 2.31010 | 4 | V |
| K20J21Q | 18.2 | 0.15 | K20CH | 73.883 | 118.928 | 102.313 | 5.759 | 0.04453 | 2.38264 | 6 | V |
| K20J21R | 17.3 | 0.15 | K20CH | 93.679 | 280.929 | 241.677 | 23.999 | 0.11900 | 2.70529 | 5 | V |
| K20J21S | 18.8 | 0.15 | K20CH | 112.341 | 119.130 | 58.714 | 5.350 | 0.08167 | 2.23720 | 5 | V |
| K20J21T | 17.9 | 0.15 | K20CH | 25.721 | 229.055 | 41.050 | 2.602 | 0.17099 | 2.68362 | 7 | V |
| K20J21U | 18.9 | 0.15 | K20CH | 298.494 | 111.051 | 265.624 | 17.796 | 0.03378 | 1.85326 | 4 | V |
| K20J21V | 18.0 | 0.15 | K20CH | 14.492 | 299.838 | 337.944 | 6.957 | 0.11823 | 2.60539 | 6 | V |
| K20J21W | 16.9 | 0.15 | K20CH | 26.647 | 319.094 | 292.183 | 8.476 | 0.04033 | 3.16295 | 5 | V |
| K20J21X | 14.5 | 0.15 | K20CH | 30.733 | 145.966 | 78.021 | 20.105 | 0.07381 | 5.25116 | 5 | V |
| K20J21Y | 17.9 | 0.15 | K20CH | 78.639 | 54.770 | 147.914 | 9.024 | 0.14500 | 2.76453 | 6 | V |
| K20J21Z | 18.2 | 0.15 | K20CH | 47.353 | 61.456 | 182.442 | 4.962 | 0.05940 | 2.53270 | 7 | V |
| K20J22A | 17.8 | 0.15 | K20CH | 42.278 | 317.158 | 285.577 | 9.521 | 0.05971 | 2.57781 | 4 | V |
| K20J22B | 16.7 | 0.15 | K20CH | 301.583 | 338.480 | 10.093 | 15.437 | 0.14960 | 2.85838 | 5 | V |
| K20J22C | 14.7 | 0.15 | K20CH | 353.089 | 197.420 | 66.369 | 8.590 | 0.03530 | 5.14684 | 4 | V |
| K20J22D | 17.8 | 0.15 | K20CH | 80.440 | 274.232 | 279.870 | 2.195 | 0.09419 | 2.89164 | 4 | V |
| K20J22E | 18.2 | 0.15 | K20CH | 86.903 | 145.075 | 50.109 | 6.804 | 0.10366 | 2.54449 | 4 | V |
| K20J22F | 18.3 | 0.15 | K20CH | 16.887 | 37.742 | 240.682 | 3.519 | 0.07377 | 2.54182 | 4 | V |
| K20L03L | 17.1 | 0.15 | K20CH | 15.782 | 68.206 | 302.072 | 18.099 | 0.31894 | 3.12838 | 2 | X |
| K20M23F | 19.2 | 0.15 | K20CH | 6.554 | 94.706 | 278.666 | 5.573 | 0.18486 | 2.22517 | 4 | V |
| K20O45N | 18.5 | 0.15 | K20CH | 352.670 | 280.470 | 106.425 | 7.134 | 0.22987 | 2.40695 | 4 | V |
| K20P26J | 17.6 | 0.15 | K20CH | 46.594 | 253.761 | 55.028 | 5.643 | 0.13004 | 2.62972 | 4 | V |
| K20P26K | 19.3 | 0.15 | K20CH | 335.643 | 339.581 | 75.018 | 7.170 | 0.11634 | 2.19956 | 4 | V |
| K20P26L | 16.9 | 0.15 | K20CH | 356.732 | 31.407 | 339.147 | 6.713 | 0.03007 | 3.11656 | 6 | V |
| K20Q18U | 17.5 | 0.15 | K20CH | 353.866 | 49.570 | 330.586 | 9.265 | 0.10250 | 3.00955 | 4 | V |
| K20Q18V | 16.7 | 0.15 | K20CH | 36.464 | 174.677 | 157.063 | 10.387 | 0.08800 | 3.19732 | 5 | V |
| K20Q18W | 17.7 | 0.15 | K20CH | 59.642 | 3.489 | 302.981 | 9.254 | 0.15769 | 2.64378 | 4 | V |

New perturbed one-opposition orbits:

| Object | H | G | Epoch | M | Peri. | Node | Incl. | e | a | Arc | C |
|---------|------|------|-------|---------|---------|---------|--------|---------|---------|-----|---|
| K19G000 | 23.9 | 0.15 | K20CH | 181.237 | 58.999 | 181.841 | 9.235 | 0.51288 | 2.15312 | 149 | X |
| K20O07F | 20.7 | 0.15 | K20CH | 9.463 | 268.557 | 136.593 | 26.754 | 0.47921 | 1.91637 | 128 | X |
| K20O08C | 20.7 | 0.15 | K20CH | 16.559 | 198.926 | 195.986 | 4.858 | 0.43812 | 1.91307 | 139 | X |
| K20O21S | 17.3 | 0.15 | K20CH | 23.389 | 39.935 | 312.173 | 20.531 | 0.30656 | 3.14021 | 93 | X |
| K20O45A | 17.6 | 0.15 | K20CH | 28.310 | 24.882 | 322.890 | 12.074 | 0.25874 | 2.73975 | 81 | V |
| K20P05C | 18.5 | 0.15 | K20CH | 0.521 | 228.645 | 195.885 | 16.985 | 0.54463 | 2.70413 | 79 | X |
| K20Q05D | 23.1 | 0.15 | K20CH | 11.918 | 37.280 | 354.621 | 2.049 | 0.63195 | 2.66368 | 78 | X |
| K20Q09W | 18.4 | 0.15 | K20CH | 4.030 | 86.006 | 315.458 | 13.892 | 0.30843 | 2.52953 | 75 | X |
| K20R09Z | 21.2 | 0.15 | K20CH | 1.755 | 53.703 | 19.606 | 25.016 | 0.57699 | 2.66842 | 48 | X |
| K20S01J | 18.4 | 0.15 | K20CH | 95.971 | 16.171 | 269.373 | 15.079 | 0.21791 | 1.95047 | 45 | X |
| K20S01T | 21.8 | 0.15 | K20CH | 8.125 | 180.423 | 232.866 | 7.962 | 0.57694 | 2.45384 | 67 | X |
| K20T00F | 21.6 | 0.15 | K20CH | 332.456 | 271.321 | 221.249 | 19.217 | 0.30286 | 1.08857 | 28 | X |
| K20T02K | 25.4 | 0.15 | K20CH | 123.465 | 275.085 | 14.791 | 7.968 | 0.18746 | 1.08158 | 11 | X |
| K20T04Q | 22.7 | 0.15 | K20CH | 89.241 | 256.128 | 37.921 | 6.578 | 0.23584 | 1.47100 | 4 | X |
| K20U01W | 23.9 | 0.15 | K20CH | 1.144 | 52.156 | 36.824 | 20.612 | 0.34772 | 1.44688 | 15 | X |
| K20U04V | 25.7 | 0.15 | K20CH | 2.015 | 81.586 | 19.962 | 9.206 | 0.51918 | 1.66063 | 2 | X |
| K20U06Q | 22.7 | 0.15 | K20CH | 26.467 | 266.728 | 37.224 | 4.533 | 0.75838 | 2.34218 | 5 | X |

New observations:

| | | | | | | | | | | | |
|---------|--------|----|-------------|----|-------|-------|-----|------|-------|------------|------------|
| K04R84F | C2020 | 11 | 01.28403719 | 54 | 39.83 | +66 | 16 | 51.1 | 18.69 | oVEV002T08 | |
| K04R84F | C2020 | 11 | 01.28727819 | 54 | 37.16 | +66 | 16 | 48.0 | 18.83 | oVEV002T08 | |
| K04R84F | C2020 | 11 | 01.29329419 | 54 | 32.62 | +66 | 16 | 42.9 | 18.69 | oVEV002T08 | |
| K04R84F | C2020 | 11 | 01.30348519 | 54 | 24.45 | +66 | 16 | 34.5 | 18.36 | oVEV002T08 | |
| K04U01S | KC2020 | 11 | 01.99885 | 01 | 05 | 51.29 | +26 | 19 | 54.2 | 17.2 | GVEV002J27 |
| K04U01S | KC2020 | 11 | 01.99998 | 01 | 05 | 51.61 | +26 | 19 | 40.4 | 17.0 | GVEV002J27 |
| K04U01S | KC2020 | 11 | 02.00150 | 01 | 05 | 52.00 | +26 | 19 | 21.9 | 17.0 | GVEV002J27 |
| K05JA8T | C2020 | 11 | 01.37520923 | 45 | 48.94 | +55 | 56 | 37.8 | 17.36 | oVEV002T08 | |
| K05JA8T | C2020 | 11 | 01.38399523 | 45 | 43.82 | +55 | 56 | 55.6 | 17.39 | oVEV002T08 | |
| K05JA8T | C2020 | 11 | 01.39737723 | 45 | 35.99 | +55 | 57 | 21.7 | 17.24 | oVEV002T08 | |
| K13P06Y | C2020 | 11 | 02.00963 | 02 | 03 | 05.29 | +05 | 44 | 13.2 | 17.0 | GVEV002J27 |
| K13P06Y | C2020 | 11 | 02.01249 | 02 | 03 | 05.58 | +05 | 44 | 12.7 | 17.0 | GVEV002J27 |
| K13P06Y | C2020 | 11 | 02.01379 | 02 | 03 | 05.69 | +05 | 44 | 12.1 | 16.9 | GVEV002J27 |
| K13P06Y | KC2020 | 11 | 02.06607402 | 03 | 13.17 | +05 | 43 | 56.2 | 16.4 | GVEV002V93 | |
| K13P06Y | KC2020 | 11 | 02.10625402 | 03 | 17.12 | +05 | 43 | 47.6 | 17.3 | GVEV002V93 | |
| K13P06Y | KC2020 | 11 | 02.15537602 | 03 | 21.79 | +05 | 43 | 35.3 | 16.6 | GVEV002V93 | |
| K13U14X | KC2020 | 10 | 31.92764 | 05 | 19 | 37.35 | +26 | 56 | 42.8 | 16.0 | GVEV002L43 |
| K13U14X | KC2020 | 10 | 31.95209 | 05 | 19 | 37.33 | +26 | 57 | 43.1 | 16.1 | GVEV002L43 |
| K13U14X | KC2020 | 10 | 31.97800 | 05 | 19 | 37.34 | +26 | 58 | 45.7 | 16.9 | GVEV002L43 |
| K13U14X | KC2020 | 11 | 02.04305 | 05 | 19 | 43.91 | +27 | 37 | 27.3 | 16.0 | VqEV002L47 |
| K13U14X | KC2020 | 11 | 02.05551 | 05 | 19 | 43.77 | +27 | 37 | 54.2 | 15.6 | VqEV002L47 |
| K13U14X | KC2020 | 11 | 02.24021805 | 19 | 45.92 | +27 | 44 | 27.8 | 16.6 | GVEV002V93 | |
| K13U14X | KC2020 | 11 | 02.28684105 | 19 | 45.49 | +27 | 46 | 09.4 | 16.9 | GVEV002V93 | |
| K13U14X | KC2020 | 11 | 02.31280605 | 19 | 45.24 | +27 | 47 | 05.7 | 16.7 | GVEV002V93 | |

| | | | | | | | |
|---------|--------|----|-------------|----|--------------|----|-------|
| K16N00V | KC2019 | 05 | 07.61455221 | 35 | 12.701-06 | 00 | 06.57 |
| K17V12T | KC2020 | 10 | 24.93011603 | 44 | 48.31 +27 | 58 | 27.7 |
| K17V12T | KC2020 | 10 | 24.94298603 | 44 | 47.44 +27 | 58 | 42.2 |
| K19G000 | C2019 | 05 | 07.62566719 | 02 | 40.125+34 | 05 | 19.54 |
| K19G000 | KC2019 | 05 | 07.62821919 | 02 | 41.209+34 | 05 | 21.10 |
| K20007F | C2020 | 11 | 02.06445 | 20 | 50 38.81 -71 | 15 | 50.9 |
| K20007F | C2020 | 11 | 02.07203 | 20 | 50 40.98 -71 | 16 | 00.3 |
| K20007F | C2020 | 11 | 02.07940 | 20 | 50 43.21 -71 | 16 | 09.0 |
| K20008C | C2020 | 11 | 01.40314223 | 27 | 59.81 -16 | 40 | 04.3 |
| K20008C | C2020 | 11 | 01.41325123 | 28 | 03.44 -16 | 40 | 09.0 |
| K20008C | C2020 | 11 | 01.42013623 | 28 | 05.92 -16 | 40 | 11.7 |
| K20008C | C2020 | 11 | 01.42566423 | 28 | 07.94 -16 | 40 | 15.3 |
| K20P05C | C2020 | 11 | 01.40497400 | 05 | 40.31 -11 | 19 | 10.8 |
| K20P05C | C2020 | 11 | 01.41462500 | 05 | 40.91 -11 | 19 | 32.4 |
| K20P05C | C2020 | 11 | 01.42105000 | 05 | 41.29 -11 | 19 | 46.3 |
| K20P05C | C2020 | 11 | 01.43163300 | 05 | 41.91 -11 | 20 | 09.6 |
| K20Q05D | KC2020 | 11 | 01.48119 | 10 | 59 47.27 +49 | 25 | 59.9 |
| K20Q05D | KC2020 | 11 | 01.51508 | 10 | 58 52.86 +49 | 23 | 34.3 |
| K20R09Z | C2020 | 11 | 01.44073023 | 59 | 08.984+35 | 38 | 48.66 |
| K20R09Z | C2020 | 11 | 01.44913523 | 59 | 06.396+35 | 39 | 27.58 |
| K20R09Z | C2020 | 11 | 01.46593823 | 59 | 01.226+35 | 40 | 45.82 |
| K20S01T | C2020 | 11 | 01.38113523 | 41 | 58.780+31 | 06 | 41.64 |
| K20S01T | C2020 | 11 | 01.39531523 | 42 | 05.911+31 | 06 | 43.18 |
| K20S01T | C2020 | 11 | 01.41719223 | 42 | 16.982+31 | 06 | 44.69 |
| K20S01T | C2020 | 11 | 01.42367923 | 42 | 20.301+31 | 06 | 44.95 |
| K20S01T | C2020 | 11 | 01.43013423 | 42 | 23.603+31 | 06 | 45.20 |
| K20S01T | C2020 | 11 | 01.43661023 | 42 | 26.928+31 | 06 | 45.33 |
| K20S01T | C2020 | 11 | 02.27887023 | 50 | 39.503+31 | 09 | 45.41 |
| K20S01T | C2020 | 11 | 02.28548023 | 50 | 43.149+31 | 09 | 46.58 |
| K20S01T | C2020 | 11 | 02.35576423 | 51 | 21.946+31 | 09 | 53.34 |
| K20S01T | C2020 | 11 | 02.36881923 | 51 | 29.236+31 | 09 | 53.39 |
| K20T00F | KC2020 | 11 | 02.02065 | 21 | 29 22.49 +07 | 44 | 54.3 |
| K20T00F | KC2020 | 11 | 02.02792 | 21 | 29 21.97 +07 | 44 | 00.7 |
| K20T00F | KC2020 | 11 | 02.04973 | 21 | 29 20.46 +07 | 41 | 24.2 |
| K20T02K | KC2020 | 10 | 11.08178821 | 51 | 01.23 -09 | 58 | 24.4 |
| K20T02K | KC2020 | 10 | 11.08486721 | 51 | 02.76 -09 | 57 | 44.8 |
| K20T02K | KC2020 | 10 | 11.08813821 | 51 | 04.38 -09 | 57 | 03.0 |
| K20T04Q | KC2020 | 10 | 11.12673123 | 52 | 46.37 -12 | 48 | 55.3 |
| K20T04Q | KC2020 | 10 | 11.13856923 | 52 | 45.82 -12 | 48 | 39.5 |
| K20T04Q | KC2020 | 10 | 11.14767523 | 52 | 45.39 -12 | 48 | 27.3 |
| K20U01W | ,C2020 | 11 | 01.46012 | 00 | 53 19.97 +16 | 24 | 58.7 |
| K20U01W | ,C2020 | 11 | 01.46066 | 00 | 53 19.39 +16 | 25 | 11.7 |
| K20U01W | ,C2020 | 11 | 01.46233 | 00 | 53 17.64 +16 | 25 | 50.3 |
| K20U04V | KC2020 | 10 | 23.23264401 | 19 | 45.11 +46 | 27 | 16.2 |
| K20U04V | KC2020 | 10 | 23.23754501 | 19 | 42.16 +46 | 29 | 19.7 |
| K20U04V | KC2020 | 10 | 23.24224201 | 19 | 39.32 +46 | 31 | 18.3 |
| K20U06Q | KC2020 | 11 | 02.03192 | 02 | 25 35.44 +17 | 06 | 28.5 |
| K20U06Q | KC2020 | 11 | 02.03573 | 02 | 25 34.30 +17 | 06 | 30.4 |
| K20U06Q | KC2020 | 11 | 02.04047 | 02 | 25 32.88 +17 | 06 | 32.5 |
| 00887 | C2020 | 11 | 01.37419423 | 29 | 56.44 -23 | 04 | 42.0 |
| 00887 | C2020 | 11 | 01.38199223 | 29 | 56.13 -23 | 04 | 40.9 |
| 00887 | C2020 | 11 | 01.38570023 | 29 | 55.98 -23 | 04 | 40.7 |
| 00887 | C2020 | 11 | 01.40268623 | 29 | 55.31 -23 | 04 | 38.6 |
| 01036 | C2020 | 11 | 01.55747507 | 29 | 54.80 -05 | 49 | 09.6 |
| 01036 | C2020 | 11 | 01.55976307 | 29 | 54.82 -05 | 49 | 12.0 |
| 01036 | C2020 | 11 | 01.56296307 | 29 | 54.84 -05 | 49 | 15.3 |
| 01036 | C2020 | 11 | 01.57168007 | 29 | 54.91 -05 | 49 | 24.2 |
| 02368 | C2020 | 11 | 01.61976606 | 32 | 34.63 +28 | 19 | 21.4 |
| 02368 | C2020 | 11 | 01.64010906 | 32 | 34.28 +28 | 19 | 21.2 |
| 02368 | C2020 | 11 | 01.64285106 | 32 | 34.25 +28 | 19 | 20.8 |
| 02368 | C2020 | 11 | 01.64831906 | 32 | 34.17 +28 | 19 | 20.7 |
| 03691 | C2020 | 11 | 02.21685 | 21 | 48 44.533-10 | 16 | 17.97 |
| 03691 | C2020 | 11 | 02.22908 | 21 | 48 45.008-10 | 16 | 09.63 |
| 03691 | C2020 | 11 | 02.24129 | 21 | 48 45.487-10 | 16 | 01.20 |
| 04055 | C2020 | 10 | 10.16751 | 03 | 51 55.39 -22 | 34 | 08.7 |
| 04055 | C2020 | 10 | 10.21878 | 03 | 51 53.78 -22 | 35 | 38.4 |
| 04947 | C2020 | 11 | 01.30905121 | 05 | 30.32 -02 | 45 | 42.0 |
| 04947 | C2020 | 11 | 01.31227921 | 05 | 30.96 -02 | 45 | 46.4 |
| 04947 | C2020 | 11 | 01.32008221 | 05 | 32.42 -02 | 45 | 56.4 |
| 04947 | C2020 | 11 | 01.33152321 | 05 | 34.61 -02 | 46 | 11.0 |
| 06053 | C2020 | 11 | 01.24841119 | 19 | 49.18 -05 | 56 | 07.4 |
| 06053 | C2020 | 11 | 01.25393019 | 19 | 49.94 -05 | 55 | 58.6 |
| 06053 | C2020 | 11 | 01.25759719 | 19 | 50.42 -05 | 55 | 52.7 |
| 06053 | C2020 | 11 | 01.27187119 | 19 | 52.39 -05 | 55 | 29.7 |
| 08567 | C2020 | 11 | 01.62229408 | 49 | 00.31 +07 | 58 | 33.2 |
| 08567 | C2020 | 11 | 01.62745408 | 49 | 00.64 +07 | 58 | 31.1 |
| 08567 | C2020 | 11 | 01.63157208 | 49 | 00.84 +07 | 58 | 29.3 |
| 08567 | C2020 | 11 | 01.64734408 | 49 | 01.72 +07 | 58 | 22.6 |
| 12538 | C2020 | 11 | 01.52507306 | 41 | 30.75 +02 | 09 | 29.2 |
| 12538 | C2020 | 11 | 01.52961406 | 41 | 31.07 +02 | 09 | 20.1 |
| 12538 | C2020 | 11 | 01.53235906 | 41 | 31.21 +02 | 09 | 14.0 |
| 12538 | C2020 | 11 | 01.53923106 | 41 | 31.69 +02 | 08 | 58.8 |
| 30825 | C2020 | 11 | 01.26587520 | 21 | 56.74 -12 | 14 | 14.6 |
| 30825 | C2020 | 11 | 01.26957220 | 21 | 57.44 -12 | 14 | 13.5 |
| 30825 | C2020 | 11 | 01.27508620 | 21 | 58.48 -12 | 14 | 11.9 |
| 30825 | C2020 | 11 | 01.28744820 | 22 | 00.79 -12 | 14 | 08.9 |
| 36284 | C2020 | 11 | 01.20973317 | 51 | 56.01 +71 | 21 | 20.8 |
| 36284 | C2020 | 11 | 01.21296517 | 51 | 56.93 +71 | 21 | 19.4 |
| 36284 | C2020 | 11 | 01.22126717 | 51 | 59.04 +71 | 21 | 15.4 |
| 66008 | C2020 | 11 | 02.21110 | 21 | 25 10.111-16 | 12 | 40.56 |
| 66008 | C2020 | 11 | 02.23555 | 21 | 25 11.197-16 | 13 | 05.14 |
| 66008 | C2020 | 11 | 02.24775 | 21 | 25 11.743-16 | 13 | 17.33 |
| 69230 | C2020 | 10 | 17.06557 | 23 | 38 40.00 -10 | 05 | 24.2 |

| |
|-----------------|
| 22.41GVEV002T12 |
| 19.3 GVEV002C95 |
| 19.7 GVEV002C95 |
| 21.92GVEV002T12 |
| 22.11GVEV002T12 |
| 21.6 GVEV002807 |
| 21.6 GVEV002807 |
| 21.5 GVEV002807 |
| 17.71oVEV002T05 |
| 18.14oVEV002T05 |
| 17.99oVEV002T05 |
| 17.88oVEV002T05 |
| 18.19oVEV002T05 |
| 18.29oVEV002T05 |
| 17.65oVEV002T05 |
| 18.10oVEV002T05 |
| 19.7 GVEV002V01 |
| 18.8 GVEV002V01 |
| 19.89iUEV002F51 |
| 19.66iUEV002F51 |
| 19.70iUEV002F51 |
| 18.08iUEV002F52 |
| 18.52iUEV002F52 |
| 17.61iUEV002F51 |
| 17.18iUEV002F51 |
| 16.88iUEV002F51 |
| 16.84iUEV002F51 |
| 17.78iUEV002F51 |
| 17.55iUEV002F51 |
| 18.11iUEV002F52 |
| 17.25iUEV002F52 |
| 20.0 GVEV002H36 |
| 20.5 GVEV002H36 |
| 20.1 GVEV002H36 |
| 20.7 VuEV002H21 |
| 20.8 VuEV002H21 |
| 20.7 VuEV002H21 |
| 22.0 VuEV002H21 |
| 22.0 VuEV002H21 |
| 22.1 VuEV002H21 |
| 20.0 GVEV002E10 |
| 20.1 GVEV002E10 |
| 19.8 GVEV002E10 |
| 20.3 VuEV002H21 |
| 20.2 VuEV002H21 |
| 20.5 VuEV002H21 |
| 17.8 GVEV002J27 |
| 17.7 GVEV002J27 |
| 17.7 GVEV002J27 |
| 15.77oVEV002T05 |
| 15.62oVEV002T05 |
| 15.64oVEV002T05 |
| 15.66oVEV002T05 |
| 12.75oVEV002T05 |
| 12.75oVEV002T05 |
| 12.74oVEV002T05 |
| 12.75oVEV002T05 |
| 18.15oVEV002T08 |
| 17.47oVEV002T08 |
| 17.36oVEV002T08 |
| 17.56oVEV002T08 |
| 18.1 iUEV002F52 |
| 17.9 iUEV002F52 |
| 18.0 iUEV002F52 |
| qEV002834 |
| qEV002834 |
| 18.07oVEV002T05 |
| 18.08oVEV002T05 |
| 18.23oVEV002T05 |
| 18.14oVEV002T05 |
| 16.28oVEV002T05 |
| 16.44oVEV002T05 |
| 16.35oVEV002T05 |
| 16.37oVEV002T05 |
| 18.34oVEV002T05 |
| 18.39oVEV002T05 |
| 18.23oVEV002T05 |
| 17.97oVEV002T05 |
| 17.37oVEV002T05 |
| 17.48oVEV002T05 |
| 17.51oVEV002T05 |
| 17.40oVEV002T05 |
| 17.44oVEV002T05 |
| 17.65oVEV002T05 |
| 17.54oVEV002T05 |
| 17.68oVEV002T05 |
| 17.50oVEV002T08 |
| 17.47oVEV002T08 |
| 17.47oVEV002T08 |
| 18.9 iUEV002F52 |
| 18.9 iUEV002F52 |
| 18.7 iUEV002F52 |
| qEV002834 |

| | | | | | | | | | | |
|-------|--------|----|-------------|----|-------|--------|-----|------|-----------------|-----------------|
| 69230 | C2020 | 10 | 17.09341 | 23 | 38 | 32.89 | -10 | 05 | 49.9 | qEV002834 |
| 69230 | C2020 | 11 | 01.35723522 | 30 | 07.59 | -13 | 12 | 37.1 | 16.83oVEV002T05 | |
| 69230 | C2020 | 11 | 01.36457622 | 30 | 05.45 | -13 | 12 | 40.4 | 16.74oVEV002T05 | |
| 69230 | C2020 | 11 | 01.37098922 | 30 | 03.59 | -13 | 12 | 43.3 | 16.75oVEV002T05 | |
| 69230 | C2020 | 11 | 01.38382922 | 29 | 59.87 | -13 | 12 | 49.0 | 16.78oVEV002T05 | |
| 69230 | KC2020 | 11 | 01.39771 | 22 | 29 | 56.79 | -13 | 12 | 28.6 | 16.4 RqEV002E89 |
| 69230 | KC2020 | 11 | 01.40795 | 22 | 29 | 53.79 | -13 | 12 | 33.4 | 16.5 RqEV002E89 |
| 85275 | C2020 | 10 | 10.22799 | 03 | 19 | 59.50 | -64 | 03 | 41.0 | qEV002834 |
| 85275 | C2020 | 10 | 10.26361 | 03 | 20 | 00.32 | -64 | 02 | 24.9 | qEV002834 |
| D7032 | C2020 | 11 | 01.24978719 | 45 | 22.20 | -13 | 29 | 42.7 | 17.82oVEV002T05 | |
| D7032 | C2020 | 11 | 01.25347419 | 45 | 24.08 | -13 | 29 | 29.8 | 17.53oVEV002T05 | |
| D7032 | C2020 | 11 | 01.25898019 | 45 | 26.81 | -13 | 29 | 10.8 | 17.72oVEV002T05 | |
| D7032 | C2020 | 11 | 01.27278619 | 45 | 33.74 | -13 | 28 | 23.7 | 17.64oVEV002T05 | |
| D7175 | !C2019 | 08 | 31.97411 | 16 | 51 | 54.92 | -21 | 16 | 13.3 | 21.1 G EV002W84 |
| D7175 | !C2019 | 08 | 31.97584 | 16 | 51 | 55.02 | -21 | 16 | 14.7 | EV002W84 |
| D7175 | !C2019 | 08 | 31.97930 | 16 | 51 | 55.23 | -21 | 16 | 17.2 | EV002W84 |
| D7175 | !C2019 | 08 | 31.98116 | 16 | 51 | 55.34 | -21 | 16 | 18.6 | EV002W84 |
| D7175 | !C2019 | 08 | 31.98287 | 16 | 51 | 55.45 | -21 | 16 | 19.9 | EV002W84 |
| D7175 | !C2019 | 08 | 31.98460 | 16 | 51 | 55.55 | -21 | 16 | 21.2 | EV002W84 |
| D7175 | !C2019 | 08 | 31.98632 | 16 | 51 | 55.65 | -21 | 16 | 22.5 | EV002W84 |
| D7175 | !C2019 | 08 | 31.98804 | 16 | 51 | 55.76 | -21 | 16 | 23.7 | EV002W84 |
| D7175 | !C2019 | 08 | 31.99253 | 16 | 51 | 56.03 | -21 | 16 | 27.0 | 20.8 G EV002W84 |
| D7175 | !C2019 | 08 | 31.99426 | 16 | 51 | 56.13 | -21 | 16 | 28.2 | EV002W84 |
| D7175 | !C2019 | 08 | 31.99598 | 16 | 51 | 56.24 | -21 | 16 | 29.5 | EV002W84 |
| D7175 | !C2019 | 08 | 31.99770 | 16 | 51 | 56.34 | -21 | 16 | 30.8 | EV002W84 |
| D7175 | !C2019 | 08 | 31.99943 | 16 | 51 | 56.44 | -21 | 16 | 32.1 | EV002W84 |
| D7175 | !C2019 | 09 | 01.00115 | 16 | 51 | 56.54 | -21 | 16 | 33.3 | EV002W84 |
| D7175 | !C2019 | 09 | 01.00288 | 16 | 51 | 56.65 | -21 | 16 | 34.6 | EV002W84 |
| D7175 | !C2019 | 09 | 01.00461 | 16 | 51 | 56.76 | -21 | 16 | 35.8 | EV002W84 |
| D7175 | !C2019 | 09 | 01.00977 | 16 | 51 | 57.05 | -21 | 16 | 39.5 | 20.8 G EV002W84 |
| D7175 | !C2019 | 09 | 01.01149 | 16 | 51 | 57.17 | -21 | 16 | 40.9 | EV002W84 |
| D7175 | !C2019 | 09 | 01.01320 | 16 | 51 | 57.27 | -21 | 16 | 42.2 | EV002W84 |
| D7175 | !C2019 | 09 | 01.01492 | 16 | 51 | 57.38 | -21 | 16 | 43.4 | EV002W84 |
| D7175 | !C2019 | 09 | 01.01663 | 16 | 51 | 57.48 | -21 | 16 | 44.6 | EV002W84 |
| D7175 | !C2019 | 09 | 01.01840 | 16 | 51 | 57.59 | -21 | 16 | 45.9 | EV002W84 |
| D7175 | !C2019 | 09 | 01.02012 | 16 | 51 | 57.69 | -21 | 16 | 47.2 | EV002W84 |
| D7175 | !C2019 | 09 | 01.02183 | 16 | 51 | 57.80 | -21 | 16 | 48.5 | EV002W84 |
| D7175 | !C2019 | 09 | 01.02703 | 16 | 51 | 58.11 | -21 | 16 | 52.2 | EV002W84 |
| D7175 | !C2019 | 09 | 01.03048 | 16 | 51 | 58.32 | -21 | 16 | 54.7 | EV002W84 |
| D7175 | !C2019 | 09 | 01.03219 | 16 | 51 | 58.42 | -21 | 16 | 56.0 | EV002W84 |
| D7175 | !C2019 | 09 | 01.99389 | 16 | 53 | 00.30 | -21 | 28 | 41.4 | 20.8 G EV002W84 |
| D7175 | !C2019 | 09 | 01.99561 | 16 | 53 | 00.40 | -21 | 28 | 42.6 | EV002W84 |
| D7175 | !C2019 | 09 | 01.99733 | 16 | 53 | 00.51 | -21 | 28 | 43.9 | EV002W84 |
| D7175 | !C2019 | 09 | 01.99905 | 16 | 53 | 00.62 | -21 | 28 | 45.1 | EV002W84 |
| D7175 | !C2019 | 09 | 02.00078 | 16 | 53 | 00.73 | -21 | 28 | 46.4 | EV002W84 |
| D7175 | !C2019 | 09 | 02.00251 | 16 | 53 | 00.84 | -21 | 28 | 47.6 | EV002W84 |
| D7175 | !C2019 | 09 | 02.00423 | 16 | 53 | 00.94 | -21 | 28 | 48.8 | EV002W84 |
| D7175 | !C2019 | 09 | 02.00595 | 16 | 53 | 01.05 | -21 | 28 | 50.1 | EV002W84 |
| E4411 | C2020 | 11 | 02.04664 | 02 | 42 | 21.50 | +36 | 57 | 13.2 | 16.7 GVEV002J27 |
| E4411 | C2020 | 11 | 02.05027 | 02 | 42 | 21.02 | +36 | 57 | 09.2 | 17.0 GVEV002J27 |
| E4411 | C2020 | 11 | 02.05247 | 02 | 42 | 20.74 | +36 | 57 | 06.7 | 17.1 GVEV002J27 |
| E4411 | KC2020 | 11 | 02.16485002 | 42 | 07.68 | +36 | 54 | 59.5 | 17.3 GVEV002V93 | |
| E4411 | KC2020 | 11 | 02.18454402 | 42 | 05.14 | +36 | 54 | 37.7 | 16.7 GVEV002V93 | |
| E4411 | KC2020 | 11 | 02.20849802 | 42 | 02.10 | +36 | 54 | 11.5 | 16.8 GVEV002V93 | |
| F2978 | C2020 | 11 | 01.47261604 | 56 | 47.03 | -11 | 28 | 09.8 | 17.72oVEV002T05 | |
| F2978 | C2020 | 11 | 01.47444404 | 56 | 46.44 | -11 | 28 | 01.7 | 17.64oVEV002T05 | |
| F2978 | C2020 | 11 | 01.48226504 | 56 | 43.96 | -11 | 27 | 26.0 | 17.70oVEV002T05 | |
| F2978 | C2020 | 11 | 01.48916704 | 56 | 41.71 | -11 | 26 | 54.3 | 17.69oVEV002T05 | |
| F4302 | KC2020 | 11 | 01.98559 | 01 | 38 | 33.04 | +21 | 27 | 56.2 | 17.3 GVEV002J27 |
| F4302 | KC2020 | 11 | 01.98952 | 01 | 38 | 32.47 | +21 | 27 | 41.7 | 17.2 GVEV002J27 |
| F4302 | KC2020 | 11 | 01.99257 | 01 | 38 | 32.04 | +21 | 27 | 30.7 | 17.4 GVEV002J27 |
| F4302 | KC2020 | 11 | 02.05552901 | 38 | 24.54 | +21 | 23 | 42.4 | 17.5 GVEV002V93 | |
| F4302 | KC2020 | 11 | 02.09850601 | 38 | 18.41 | +21 | 21 | 09.3 | 17.4 GVEV002V93 | |
| F4302 | KC2020 | 11 | 02.13674101 | 38 | 13.01 | +21 | 18 | 52.3 | 16.6 GVEV002V93 | |
| F9402 | C2020 | 11 | 01.29747220 | 20 | 50.06 | +84 | 53 | 28.9 | 14.02oVEV002T08 | |
| F9402 | C2020 | 11 | 01.30069720 | 20 | 40.43 | +84 | 53 | 49.6 | 13.99oVEV002T08 | |
| F9402 | C2020 | 11 | 01.30674020 | 20 | 22.31 | +84 | 54 | 28.0 | 14.01oVEV002T08 | |
| F9402 | C2020 | 11 | 01.32153420 | 19 | 37.85 | +84 | 56 | 01.9 | 13.90oVEV002T08 | |
| G2173 | C2020 | 10 | 31.40823 | 22 | 41 | 09.46 | +26 | 30 | 17.7 | 16.3 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.41361 | 22 | 41 | 09.04 | +26 | 30 | 06.3 | 16.8 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.41897 | 22 | 41 | 08.58 | +26 | 29 | 55.8 | 16.5 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.43862 | 22 | 41 | 06.85 | +26 | 29 | 17.1 | 16.8 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.44939 | 22 | 41 | 05.96 | +26 | 28 | 56.1 | 16.8 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.45262 | 22 | 41 | 05.71 | +26 | 28 | 49.7 | 17.0 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.45582 | 22 | 41 | 05.44 | +26 | 28 | 43.1 | 16.9 VqEV002Q21 |
| G2173 | C2020 | 10 | 31.45797 | 22 | 41 | 05.28 | +26 | 28 | 39.2 | 16.9 VqEV002Q21 |
| G2173 | C2020 | 11 | 01.90260 | 22 | 39 | 47.18 | +25 | 40 | 17.5 | 16.7 GVEV002J27 |
| G2173 | C2020 | 11 | 01.90597 | 22 | 39 | 46.94 | +25 | 40 | 10.4 | 16.6 GVEV002J27 |
| G2173 | C2020 | 11 | 01.90843 | 22 | 39 | 46.77 | +25 | 40 | 05.1 | 16.7 GVEV002J27 |
| G3902 | C2020 | 11 | 01.48212704 | 44 | 14.80 | +63 | 44 | 46.4 | 16.96oVEV002T08 | |
| G3902 | C2020 | 11 | 01.48489504 | 44 | 14.97 | +63 | 44 | 47.3 | 17.33oVEV002T08 | |
| G3902 | C2020 | 11 | 01.49089204 | 44 | 15.36 | +63 | 44 | 49.2 | 17.27oVEV002T08 | |
| G3902 | KC2020 | 11 | 02.23311804 | 45 | 16.92 | +63 | 48 | 11.5 | 17.6 GVEV002V93 | |
| G3902 | KC2020 | 11 | 02.27805804 | 45 | 19.98 | +63 | 48 | 25.7 | 17.2 GVEV002V93 | |
| G3902 | KC2020 | 11 | 02.29677404 | 45 | 21.17 | +63 | 48 | 30.7 | 17.6 GVEV002V93 | |
| J0166 | C2020 | 11 | 02.20982 | 21 | 12 | 50.286 | -14 | 25 | 56.05 | 19.0 iUEV002F52 |
| J0166 | C2020 | 11 | 02.22208 | 21 | 12 | 52.644 | -14 | 25 | 48.83 | 18.8 iUEV002F52 |
| J0166 | C2020 | 11 | 02.23428 | 21 | 12 | 54.992 | -14 | 25 | 41.25 | 18.9 iUEV002F52 |
| J0166 | C2020 | 11 | 02.24648 | 21 | 12 | 57.334 | -14 | 25 | 34.11 | 19.0 iUEV002F52 |
| V6695 | C2020 | 11 | 01.37006922 | 30 | 37.64 | +08 | 38 | 15.8 | 18.50oVEV002T05 | |
| V6695 | C2020 | 11 | 01.37648422 | 30 | 37.73 | +08 | 38 | 38.2 | 18.69oVEV002T05 | |
| V6695 | C2020 | 11 | 01.38014822 | 30 | 37.83 | +08 | 38 | 51.7 | 18.19oVEV002T05 | |
| V6695 | C2020 | 11 | 01.39350622 | 30 | 38.06 | +08 | 39 | 39.5 | 18.31oVEV002T05 | |

| | | | | | | | | | | | |
|-------|--------|----|-------------|----|-------|-------|-----|------|-------|------------|------------|
| f8797 | C2020 | 11 | 01.38630000 | 15 | 09.98 | +52 | 21 | 50.8 | 17.62 | oVEV002T08 | |
| f8797 | C2020 | 11 | 01.38953300 | 15 | 09.92 | +52 | 21 | 26.2 | 17.69 | oVEV002T08 | |
| f8797 | C2020 | 11 | 01.39691600 | 15 | 09.68 | +52 | 20 | 30.8 | 17.60 | oVEV002T08 | |
| f8797 | C2020 | 11 | 01.40799500 | 15 | 09.42 | +52 | 19 | 06.4 | 17.73 | oVEV002T08 | |
| g0302 | KC2020 | 11 | 02.03686123 | 54 | 02.86 | +16 | 11 | 57.4 | 18.8 | GVEV002V93 | |
| g0302 | KC2020 | 11 | 02.08307523 | 54 | 05.58 | +16 | 11 | 29.6 | 18.4 | GVEV002V93 | |
| g0302 | KC2020 | 11 | 02.12337123 | 54 | 07.92 | +16 | 11 | 05.2 | 18.4 | GVEV002V93 | |
| g8086 | C2020 | 11 | 01.45639703 | 18 | 03.57 | +50 | 02 | 54.9 | 17.31 | oVEV002T08 | |
| g8086 | C2020 | 11 | 01.45918503 | 18 | 03.20 | +50 | 02 | 51.8 | 17.23 | oVEV002T08 | |
| g8086 | C2020 | 11 | 01.46657403 | 18 | 02.33 | +50 | 02 | 44.4 | 17.29 | oVEV002T08 | |
| g8086 | C2020 | 11 | 01.50073903 | 17 | 58.25 | +50 | 02 | 09.7 | 17.27 | oVEV002T08 | |
| g8086 | KC2020 | 11 | 02.17745803 | 16 | 43.23 | +49 | 50 | 35.1 | 18.1 | GVEV002V93 | |
| g8086 | KC2020 | 11 | 02.20142303 | 16 | 40.40 | +49 | 50 | 11.1 | 17.5 | GVEV002V93 | |
| g8086 | KC2020 | 11 | 02.22192203 | 16 | 38.02 | +49 | 49 | 50.4 | 18.0 | GVEV002V93 | |
| j9386 | KC2020 | 11 | 01.99421 | 19 | 23 | 02.25 | +13 | 05 | 42.3 | 16.5 | GVEV002W34 |
| j9386 | KC2020 | 11 | 02.00237 | 19 | 23 | 04.64 | +13 | 06 | 06.8 | 17.2 | GVEV002W34 |
| j9386 | KC2020 | 11 | 02.00957 | 19 | 23 | 06.67 | +13 | 06 | 28.3 | 16.3 | GVEV002W34 |
| l4179 | C2020 | 11 | 02.06721 | 03 | 02 | 36.38 | +47 | 46 | 30.1 | 15.9 | GVEV002J27 |
| l4179 | C2020 | 11 | 02.06758 | 03 | 02 | 36.15 | +47 | 46 | 34.8 | 15.8 | GVEV002J27 |
| l4179 | C2020 | 11 | 02.06913 | 03 | 02 | 35.11 | +47 | 46 | 54.2 | 16.0 | GVEV002J27 |
| l4179 | KC2020 | 11 | 02.17133103 | 01 | 33.43 | +48 | 08 | 11.2 | 16.3 | GVEV002V93 | |
| l4179 | KC2020 | 11 | 02.19404303 | 01 | 18.04 | +48 | 12 | 58.4 | 16.1 | GVEV002V93 | |
| l4179 | KC2020 | 11 | 02.21466903 | 01 | 03.93 | +48 | 17 | 18.5 | 15.9 | GVEV002V93 | |

A. U. Tomatic

(C) Copyright 2020 MPC

M.P.E.C. 2020-V02

◀ [Read MPEC 2020-V01](#)

Display MPEC number:

Enter an MPEC number in one of the following forms:

- 1997-B01 (the full form)
- J97B01 (the packed version of the full form)
- B01 (the abbreviated form)

[Home](#) [About](#) [Contact](#) [Privacy](#)

CENTER FOR
ASTROPHYSICS
HARVARD & SMITHSONIAN

The Minor

Planet Center is hosted by the Center for Astrophysics | Harvard & Smithsonian.
The Minor Planet Center is funded by NASA.