|  |  |  |  |
| --- | --- | --- | --- |
| **Substitution** | **GV** | **GD** | **Prediction** |
| P129S | 0 | 73.35 | Class C65 |
| S290C | 0 | 111.67 | Class C65 |
| R395W | 0 | 101.29 | Class C65 |
| P320L | 0 | 97.78 | Class C65 |
| R184S | 0 | 109.21 | Class C65 |
| P95L | 0 | 97.78 | Class C65 |
| C50R | 0 | 179.53 | Class C65 |
| R209W | 0 | 101.29 | Class C65 |
| R139C | 0 | 179.53 | Class C65 |
| S363R | 0 | 109.21 | Class C65 |
| P374L | 0 | 97.78 | Class C65 |
| H238Y | 0 | 83.33 | Class C65 |
| R356W | 0 | 101.29 | Class C65 |
| C218R | 0 | 179.53 | Class C65 |
| R397W | 0 | 101.29 | Class C65 |
| R246W | 0 | 101.29 | Class C65 |
| R395W | 0 | 101.29 | Class C65 |
| C50R | 0 | 179.53 | Class C65 |
| R184S | 0 | 109.21 | Class C65 |
| A410S | 0 | 99.13 | Class C65 |
| R232W | 0 | 101.29 | Class C65 |
| P343L | 0 | 97.78 | Class C65 |
| G278D | 0 | 93.77 | Class C65 |
| G194R | 0 | 125.13 | Class C65 |
| V427A | 0 | 64.43 | Class C55 |
| G179S | 0 | 55.27 | Class C55 |
| G325S | 0 | 55.27 | Class C55 |
| V377A | 0 | 64.43 | Class C55 |
| V347A | 0 | 64.43 | Class C55 |
| A156T | 0 | 58.02 | Class C55 |
| K348E | 0 | 56.87 | Class C55 |
| E314K | 0 | 56.87 | Class C55 |
| A389V | 0 | 64.43 | Class C55 |
| E291K | 0 | 56.87 | Class C55 |
| A287V | 0 | 64.43 | Class C55 |
| G360S | 0 | 55.27 | Class C55 |
| V347A | 0 | 64.43 | Class C55 |
| A390V | 0 | 64.43 | Class C55 |
| K348E | 0 | 56.87 | Class C55 |
| E314K | 0 | 56.87 | Class C55 |
| S99N | 0 | 46.24 | Class C45 |
| P57T | 0 | 37.56 | Class C35 |
| R260Q | 0 | 42.81 | Class C35 |
| R370Q | 0 | 42.81 | Class C35 |
| R356Q | 0 | 42.81 | Class C35 |
| P57T | 0 | 37.56 | Class C35 |
| E291D | 0 | 44.6 | Class C35 |
| R340Q | 0 | 42.81 | Class C35 |
| E304D | 0 | 44.6 | Class C35 |
| R232Q | 0 | 42.81 | Class C35 |
| R356Q | 0 | 42.81 | Class C35 |
| P200T | 0 | 37.56 | Class C35 |
| H159R | 0 | 28.82 | Class C25 |
| L34V | 0 | 31.78 | Class C25 |
| H404R | 0 | 28.82 | Class C25 |
| R118H | 0 | 28.82 | Class C25 |
| H159R | 0 | 28.82 | Class C25 |
| I496V | 0 | 29.61 | Class C25 |
| V432G | 95.8 | 82.3 | Class C15 |
| R431W | 125.13 | 82.72 | Class C15 |
| V224M | 0 | 21.52 | Class C15 |
| R458C | 109.21 | 109.21 | Class C15 |
| T504A | 41.1 | 58.02 | Class C15 |
| V582A | 222.91 | 35.6 | Class C0 |
| L474M | 92.35 | 0 | Class C0 |
| S613N | 208.55 | 45.82 | Class C0 |
| A477T | 26.87 | 37.18 | Class C0 |
| S494T | 73.35 | 28.88 | Class C0 |
| R566P | 241.31 | 40.46 | Class C0 |
| R555C | 241.31 | 80.92 | Class C0 |
| R484Q | 70.97 | 12.36 | Class C0 |
| A643S | 208.4 | 17.83 | Class C0 |
| L561P | 234.72 | 50.17 | Class C0 |
| G576S | 206.04 | 29.56 | Class C0 |
| G526S | 206.04 | 29.56 | Class C0 |
| S547L | 208.55 | 106.06 | Class C0 |
| L474M | 92.35 | 0 | Class C0 |
| A477T | 26.87 | 37.18 | Class C0 |
| L617F | 234.72 | 21.82 | Class C0 |
| E460K | 138.34 | 8.11 | Class C0 |
| A511T | 93.66 | 49.42 | Class C0 |
| A500P | 106.71 | 1.62 | Class C0 |
| R431Q | 125.13 | 10.3 | Class C0 |
| A447V | 99.13 | 63.59 | Class C0 |
| I666V | 234.72 | 11.33 | Class C0 |
| E571K | 222.52 | 39.9 | Class C0 |
| E571K | 222.52 | 39.9 | Class C0 |
| A609T | 208.4 | 31.45 | Class C0 |
| G506R | 137.69 | 27.62 | Class C0 |
| S588R | 208.55 | 95.56 | Class C0 |
| I651V | 234.72 | 11.33 | Class C0 |
| R558H | 241.31 | 1.62 | Class C0 |
| P592T | 208.63 | 30.46 | Class C0 |
| A447T | 99.13 | 29.38 | Class C0 |
| M667T | 231.87 | 46.93 | Class C0 |
| T560A | 215.09 | 8.09 | Class C0 |