**Supplementary Table 2:** Nucleotides composition of HBoV gene transcripts (A%, C% T%, and G%) with nucleotides at third position (A3%, C3% T3%, and G3%), overall %GC1, %GC2, %GC3, %GC12 (the average of GC1 and GC2) composition along with RCDI, CBI, ICDI, MILC, and MELP analysis.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | SEQUENCES \ PARAMETERS | GENE | %A | %C | %T | %G | %A3 | %C3 | %T3 | %G3 | %G1+C1 | %G2+C2 | %G3s+C3s | %GC12 | Nc | RCDI | CBI | ICDI | MILC | MELP |
| 1 | DQ494203.1 | VP1 | 35.66 | 21.92 | 22.67 | 19.74 | 38.39 | 19.94 | 29.46 | 12.20 | 48.96 | 43.90 | 29.02 | 37.72 | 42 | 1.52 | -0.115 | 0.19 | 0.766 | 1.758 |
| 2 | DQ494201.1 | VP1 | 35.32 | 22.07 | 22.62 | 19.99 | 37.65 | 20.09 | 29.46 | 12.80 | 49.26 | 44.05 | 29.80 | 38.22 | 42 | 1.503 | -0.1 | 0.186 | 0.774 | 1.775 |
| 3 | EF035488.1 | VP1 | 35.57 | 21.83 | 22.67 | 19.94 | 37.80 | 19.79 | 29.46 | 12.95 | 48.81 | 43.75 | 29.64 | 37.96 | 41.9 | 1.49 | -0.106 | 0.186 | 0.766 | 1.756 |
| 4 | DQ457415.1 | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.512 | -0.112 | 0.191 | 0.767 | 1.759 |
| 5 | MN887265.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.499 | -0.151 | 0.128 | 0.689 | 1.591 |
| 6 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 7 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.515 | -0.112 | 0.19 | 0.766 | 1.758 |
| 8 |  | VP2 | 35.42 | 22.59 | 22.16 | 19.83 | 38.86 | 21.18 | 27.44 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 41 | 1.559 | -0.099 | 0.207 | 0.780 | 1.853 |
| 9 | MN887264.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 10 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 11 |  | VP1 | 35.71 | 21.92 | 22.62 | 19.74 | 38.39 | 19.94 | 29.32 | 12.35 | 48.96 | 43.75 | 29.17 | 37.76 | 41.7 | 1.52 | -0.113 | 0.196 | 0.773 | 1.773 |
| 12 |  | VP2 | 35.54 | 22.59 | 22.10 | 19.77 | 39.04 | 21.18 | 27.26 | 12.52 | 48.80 | 44.57 | 30.29 | 38.49 | 40.7 | 1.565 | -0.1 | 0.218 | 0.787 | 1.870 |
| 13 | MN887263.1 | NS1 | 29.90 | 21.56 | 28.80 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.50 | 38.44 | 30.41 | 37.94 | 46.6 | 1.498 | -0.151 | 0.128 | 0.689 | 1.592 |
| 14 | MN887262.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.505 | -0.154 | 0.131 | 0.689 | 1.593 |
| 15 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 16 |  | VP1 | 35.62 | 22.02 | 22.57 | 19.79 | 38.39 | 20.09 | 29.17 | 12.35 | 49.11 | 43.90 | 29.33 | 37.92 | 41.9 | 1.51 | -0.105 | 0.192 | 0.771 | 1.769 |
| 17 |  | VP2 | 35.42 | 22.71 | 22.04 | 19.83 | 39.04 | 21.36 | 27.07 | 12.52 | 48.99 | 44.75 | 30.49 | 38.68 | 40.8 | 1.555 | -0.09 | 0.215 | 0.785 | 1.866 |
| 18 | MN887261.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 19 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 20 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.80 | 20.09 | 29.32 | 12.80 | 48.81 | 43.90 | 29.80 | 38.08 | 42.1 | 1.498 | -0.105 | 0.19 | 0.757 | 1.736 |
| 21 |  | VP2 | 35.24 | 22.65 | 22.10 | 20.01 | 38.31 | 21.36 | 27.26 | 13.08 | 48.80 | 44.75 | 31.07 | 38.92 | 41.3 | 1.536 | -0.09 | 0.207 | 0.767 | 1.824 |
| 22 | MN887260.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 23 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 24 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 38.10 | 20.24 | 29.17 | 12.50 | 48.96 | 43.90 | 29.64 | 38.03 | 42.6 | 1.494 | -0.105 | 0.177 | 0.756 | 1.735 |
| 25 |  | VP2 | 35.36 | 22.71 | 22.04 | 19.89 | 38.67 | 21.55 | 27.07 | 12.71 | 48.80 | 44.75 | 30.87 | 38.83 | 41.8 | 1.534 | -0.09 | 0.193 | 0.768 | 1.824 |
| 26 | MN887259.1 | NS1 | 29.84 | 21.67 | 28.75 | 19.74 | 28.59 | 19.22 | 38.28 | 13.91 | 52.66 | 38.44 | 30.57 | 38.06 | 47 | 1.497 | -0.154 | 0.125 | 0.687 | 1.587 |
| 27 |  | NP1 | 35.61 | 20.15 | 20.76 | 23.48 | 28.64 | 20.91 | 27.73 | 22.73 | 42.27 | 45.00 | 40.29 | 41.96 | 49.1 | 1.512 | -0.024 | 0.198 | 0.643 | 2.111 |
| 28 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 44.05 | 29.17 | 37.84 | 41.7 | 1.519 | -0.112 | 0.195 | 0.779 | 1.787 |
| 29 |  | VP2 | 35.42 | 22.59 | 22.16 | 19.83 | 38.86 | 21.18 | 27.44 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.9 | 1.553 | -0.099 | 0.212 | 0.781 | 1.856 |
| 30 | MN887258.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.499 | -0.151 | 0.128 | 0.689 | 1.591 |
| 31 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 32 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.506 | -0.11 | 0.193 | 0.768 | 1.761 |
| 33 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41 | 1.547 | -0.096 | 0.211 | 0.780 | 1.854 |
| 34 | MN887257.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.505 | -0.151 | 0.128 | 0.691 | 1.597 |
| 35 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 36 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 37 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 38 | MN887256.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 39 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.526 | -0.032 | 0.21 | 0.647 | 2.123 |
| 40 |  | VP1 | 35.47 | 22.07 | 22.52 | 19.94 | 37.80 | 20.39 | 29.02 | 12.80 | 48.96 | 43.90 | 30.11 | 38.27 | 42.7 | 1.484 | -0.098 | 0.174 | 0.755 | 1.732 |
| 41 |  | VP2 | 35.24 | 22.77 | 21.98 | 20.01 | 38.31 | 21.73 | 26.89 | 13.08 | 48.80 | 44.75 | 31.46 | 39.12 | 41.8 | 1.523 | -0.081 | 0.192 | 0.768 | 1.825 |
| 42 | MN887255.1 | NS1 | 30.10 | 21.56 | 28.80 | 19.53 | 29.38 | 19.06 | 38.28 | 13.28 | 52.50 | 38.44 | 29.76 | 37.61 | 46.3 | 1.521 | -0.156 | 0.134 | 0.699 | 1.614 |
| 43 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 48.8 | 1.543 | -0.039 | 0.206 | 0.647 | 2.123 |
| 44 |  | VP1 | 35.76 | 22.02 | 22.47 | 19.74 | 38.54 | 20.24 | 29.02 | 12.20 | 48.96 | 43.90 | 29.44 | 37.93 | 42.1 | 1.519 | -0.122 | 0.2 | 0.768 | 1.762 |
| 45 |  | VP2 | 35.60 | 22.65 | 21.98 | 19.77 | 39.23 | 21.55 | 26.89 | 12.34 | 48.80 | 44.57 | 30.62 | 38.65 | 41.4 | 1.554 | -0.111 | 0.221 | 0.768 | 1.826 |
| 46 | MN887254.1 | NS1 | 30.10 | 21.56 | 28.80 | 19.53 | 29.38 | 19.06 | 38.28 | 13.28 | 52.50 | 38.44 | 29.76 | 37.61 | 46.3 | 1.511 | -0.156 | 0.135 | 0.693 | 1.602 |
| 47 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 48 |  | VP1 | 35.57 | 22.07 | 22.57 | 19.79 | 38.10 | 20.39 | 29.17 | 12.35 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.506 | -0.108 | 0.195 | 0.767 | 1.759 |
| 49 |  | VP2 | 35.30 | 22.77 | 22.04 | 19.89 | 38.49 | 21.73 | 27.07 | 12.71 | 48.80 | 44.75 | 31.07 | 38.92 | 41.2 | 1.542 | -0.09 | 0.21 | 0.774 | 1.840 |
| 50 | MN887253.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.59 | 19.06 | 38.28 | 14.06 | 52.50 | 38.44 | 30.57 | 38.02 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.588 |
| 51 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 52 |  | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.507 | -0.108 | 0.194 | 0.771 | 1.768 |
| 53 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.549 | -0.093 | 0.212 | 0.783 | 1.861 |
| 54 | MK989729.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 55 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 56 |  | VP1 | 35.86 | 21.97 | 22.73 | 19.44 | 38.79 | 20.30 | 29.55 | 11.36 | 48.94 | 43.64 | 28.68 | 37.49 | 41.6 | 1.536 | -0.119 | 0.205 | 0.781 | 1.796 |
| 57 | MK989728.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 58 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 59 |  | VP1 | 35.56 | 21.97 | 22.73 | 19.75 | 37.88 | 20.30 | 29.55 | 12.27 | 48.94 | 43.64 | 29.64 | 37.96 | 42.2 | 1.501 | -0.11 | 0.192 | 0.754 | 1.733 |
| 60 | MK989727.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 61 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.7 | 1.535 | -0.039 | 0.214 | 0.652 | 2.140 |
| 62 |  | VP1 | 35.56 | 21.92 | 22.78 | 19.75 | 37.88 | 20.15 | 29.70 | 12.27 | 48.94 | 43.64 | 29.48 | 37.88 | 42 | 1.508 | -0.107 | 0.194 | 0.767 | 1.764 |
| 63 | MH427514.1 | NP1 | 35.64 | 17.95 | 26.41 | 20.00 | 31.54 | 17.69 | 36.15 | 14.62 | 43.85 | 37.69 | 27.50 | 34.13 | 42.2 | 1.808 | -0.154 | 0.386 | 0.776 | 4.586 |
| 64 |  | VP1 | 35.62 | 22.02 | 22.62 | 19.74 | 38.39 | 20.09 | 29.32 | 12.20 | 49.11 | 43.90 | 29.17 | 37.84 | 42 | 1.51 | -0.105 | 0.19 | 0.773 | 1.772 |
| 65 |  | VP2 | 35.30 | 22.71 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.99 | 44.75 | 30.68 | 38.77 | 41.4 | 1.539 | -0.084 | 0.2 | 0.770 | 1.829 |
| 66 | MH427513.1 | NP1 | 35.38 | 17.95 | 26.41 | 20.26 | 30.77 | 17.69 | 36.15 | 15.38 | 43.85 | 37.69 | 28.33 | 34.55 | 42.5 | 1.788 | -0.14 | 0.375 | 0.763 | 4.509 |
| 67 |  | VP1 | 35.71 | 21.88 | 22.67 | 19.74 | 38.39 | 19.79 | 29.46 | 12.35 | 48.96 | 43.75 | 29.02 | 37.69 | 42.6 | 1.494 | -0.123 | 0.188 | 0.751 | 1.724 |
| 68 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41.9 | 1.532 | -0.105 | 0.2 | 0.761 | 1.808 |
| 69 | MH427512.1 | NP1 | 35.64 | 17.95 | 26.41 | 20.00 | 31.54 | 17.69 | 36.15 | 14.62 | 43.85 | 37.69 | 27.50 | 34.13 | 42.2 | 1.808 | -0.154 | 0.386 | 0.776 | 4.586 |
| 70 |  | VP1 | 35.57 | 22.02 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 49.11 | 43.90 | 29.33 | 37.92 | 42.1 | 1.505 | -0.103 | 0.186 | 0.768 | 1.762 |
| 71 |  | VP2 | 35.30 | 22.71 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.99 | 44.75 | 30.68 | 38.77 | 41.4 | 1.539 | -0.084 | 0.2 | 0.770 | 1.829 |
| 72 | MH427511.1 | NP1 | 35.38 | 17.95 | 26.41 | 20.26 | 30.77 | 17.69 | 36.15 | 15.38 | 43.85 | 37.69 | 28.33 | 34.55 | 44.3 | 1.76 | -0.167 | 0.376 | 0.738 | 4.359 |
| 73 |  | VP1 | 35.47 | 21.88 | 22.72 | 19.94 | 37.95 | 19.79 | 29.61 | 12.65 | 49.11 | 43.90 | 29.33 | 37.92 | 41.8 | 1.509 | -0.105 | 0.193 | 0.775 | 1.777 |
| 74 |  | VP2 | 35.24 | 22.53 | 22.22 | 20.01 | 38.49 | 20.99 | 27.62 | 12.89 | 48.99 | 44.75 | 30.49 | 38.68 | 40.9 | 1.552 | -0.09 | 0.211 | 0.789 | 1.874 |
| 75 | KJ710645.1 | NS1 | 29.96 | 21.50 | 28.65 | 19.89 | 30.36 | 19.79 | 36.25 | 13.60 | 52.11 | 38.67 | 30.93 | 38.16 | 48.6 | 1.472 | -0.134 | 0.123 | 0.672 | 1.546 |
| 76 |  | NP1 | 33.79 | 21.16 | 21.92 | 23.14 | 28.31 | 19.18 | 30.14 | 22.37 | 44.75 | 46.58 | 38.35 | 42.01 | 52.4 | 1.459 | -0.045 | 0.189 | 0.612 | 2.016 |
| 77 |  | VP1 | 37.37 | 20.53 | 23.87 | 18.24 | 43.35 | 19.13 | 29.75 | 7.77 | 46.04 | 43.35 | 23.27 | 33.98 | 39.1 | 1.758 | -0.166 | 0.287 | 0.901 | 2.069 |
| 78 |  | VP2 | 37.72 | 20.93 | 22.96 | 18.40 | 45.56 | 20.37 | 26.30 | 7.78 | 45.56 | 44.26 | 24.12 | 34.51 | 37.3 | 1.853 | -0.138 | 0.32 | 0.951 | 2.263 |
| 79 | EF690657.1 | VP1 | 35.03 | 20.64 | 24.62 | 19.71 | 34.52 | 18.78 | 35.03 | 11.68 | 50.00 | 40.61 | 27.89 | 36.60 | 42.7 | 1.515 | -0.171 | 0.202 | 0.774 | 1.956 |
| 80 | EF690656.1 | VP1 | 34.77 | 20.56 | 24.96 | 19.71 | 34.01 | 18.53 | 35.79 | 11.68 | 50.00 | 40.61 | 27.63 | 36.47 | 43.3 | 1.506 | -0.169 | 0.198 | 0.755 | 1.907 |
| 81 | EF690655.1 | VP1 | 35.11 | 20.64 | 24.62 | 19.63 | 34.77 | 18.78 | 35.03 | 11.42 | 50.00 | 40.61 | 27.63 | 36.47 | 43 | 1.518 | -0.175 | 0.199 | 0.770 | 1.945 |
| 82 | EF690654.1 | VP1 | 34.77 | 20.73 | 24.79 | 19.71 | 34.01 | 18.78 | 35.53 | 11.68 | 50.00 | 40.86 | 27.89 | 36.66 | 43.2 | 1.513 | -0.165 | 0.193 | 0.763 | 1.927 |
| 83 | EF690653.1 | VP1 | 35.03 | 20.73 | 24.53 | 19.71 | 34.52 | 19.04 | 34.77 | 11.68 | 50.00 | 40.61 | 28.16 | 36.73 | 43.2 | 1.504 | -0.166 | 0.195 | 0.766 | 1.934 |
| 84 | EF690652.1 | VP1 | 35.11 | 20.64 | 24.62 | 19.63 | 34.77 | 18.78 | 35.03 | 11.42 | 50.00 | 40.61 | 27.63 | 36.47 | 42.6 | 1.524 | -0.171 | 0.203 | 0.780 | 1.971 |
| 85 | EF690651.1 | VP1 | 35.19 | 20.64 | 24.62 | 19.54 | 35.03 | 18.78 | 35.03 | 11.17 | 50.00 | 40.61 | 27.37 | 36.34 | 42.8 | 1.526 | -0.179 | 0.205 | 0.777 | 1.961 |
| 86 | EF690650.1 | VP1 | 35.03 | 20.64 | 24.62 | 19.71 | 34.52 | 18.78 | 35.03 | 11.68 | 50.00 | 40.61 | 27.89 | 36.60 | 42.7 | 1.515 | -0.171 | 0.202 | 0.774 | 1.956 |
| 87 | EF690649.1 | VP1 | 35.19 | 20.64 | 24.62 | 19.54 | 34.77 | 18.78 | 35.03 | 11.42 | 49.75 | 40.61 | 27.63 | 36.40 | 43 | 1.518 | -0.175 | 0.199 | 0.770 | 1.945 |
| 88 | EF690648.1 | VP1 | 34.86 | 20.56 | 24.87 | 19.71 | 34.01 | 18.53 | 35.79 | 11.68 | 50.25 | 40.36 | 27.63 | 36.47 | 43.2 | 1.508 | -0.166 | 0.199 | 0.758 | 1.915 |
| 89 | EF690647.1 | VP1 | 35.11 | 20.64 | 24.70 | 19.54 | 34.77 | 18.78 | 35.28 | 11.17 | 50.00 | 40.61 | 27.37 | 36.34 | 42.6 | 1.527 | -0.179 | 0.21 | 0.780 | 1.970 |
| 90 | EF690646.1 | VP1 | 34.94 | 20.73 | 24.53 | 19.80 | 34.26 | 19.04 | 34.77 | 11.93 | 50.00 | 40.61 | 28.42 | 36.86 | 43 | 1.499 | -0.162 | 0.197 | 0.767 | 1.937 |
| 91 | EF690645.1 | VP1 | 34.77 | 20.73 | 24.70 | 19.80 | 33.76 | 19.04 | 35.28 | 11.93 | 50.00 | 40.61 | 28.42 | 36.86 | 43 | 1.499 | -0.158 | 0.196 | 0.760 | 1.921 |
| 92 | EF690644.1 | VP1 | 34.94 | 20.73 | 24.53 | 19.80 | 34.26 | 19.04 | 34.77 | 11.93 | 50.00 | 40.61 | 28.42 | 36.86 | 42.9 | 1.501 | -0.162 | 0.197 | 0.770 | 1.944 |
| 93 | EF690642.1 | VP1 | 35.36 | 20.56 | 24.53 | 19.54 | 35.28 | 18.78 | 34.77 | 11.17 | 50.00 | 40.36 | 27.37 | 36.27 | 42.2 | 1.546 | -0.18 | 0.215 | 0.787 | 1.988 |
| 94 | EF690643.1 | VP1 | 34.86 | 20.56 | 24.96 | 19.63 | 33.76 | 18.53 | 35.79 | 11.93 | 49.75 | 40.36 | 27.89 | 36.47 | 43.6 | 1.488 | -0.171 | 0.193 | 0.749 | 1.892 |
| 95 | EF690641.1 | VP1 | 35.03 | 20.73 | 24.53 | 19.71 | 34.52 | 19.04 | 34.77 | 11.68 | 50.00 | 40.61 | 28.16 | 36.73 | 43.2 | 1.504 | -0.166 | 0.195 | 0.766 | 1.934 |
| 96 | JX445151.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.5 | 1.501 | -0.151 | 0.13 | 0.691 | 1.597 |
| 97 | JX445150.1 | NS1 | 29.74 | 21.77 | 28.70 | 19.79 | 28.59 | 19.22 | 38.13 | 14.06 | 52.81 | 38.59 | 30.73 | 38.22 | 46.5 | 1.498 | -0.145 | 0.127 | 0.689 | 1.593 |
| 98 | JX434055.1 | VP1/VP2 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 99 | JX434054.1 | VP1/VP2 | 35.62 | 21.88 | 22.72 | 19.79 | 38.10 | 19.79 | 29.61 | 12.50 | 48.96 | 43.75 | 29.17 | 37.76 | 41.9 | 1.508 | -0.116 | 0.195 | 0.767 | 1.760 |
| 100 | JX434053.1 | VP1/VP2 | 35.47 | 22.02 | 22.57 | 19.94 | 37.80 | 20.24 | 29.17 | 12.80 | 48.96 | 43.90 | 29.95 | 38.19 | 42.1 | 1.496 | -0.103 | 0.187 | 0.765 | 1.756 |
| 101 | JX434052.1 | VP1/VP2 | 35.62 | 22.02 | 22.52 | 19.84 | 38.24 | 20.24 | 29.02 | 12.50 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.506 | -0.105 | 0.187 | 0.767 | 1.760 |
| 102 | JX434051.1 | VP1/VP2 | 35.66 | 21.97 | 22.62 | 19.74 | 38.39 | 20.09 | 29.32 | 12.20 | 48.96 | 43.90 | 29.17 | 37.80 | 41.8 | 1.523 | -0.112 | 0.195 | 0.770 | 1.766 |
| 103 | JX434048.1 | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.526 | -0.032 | 0.21 | 0.647 | 2.123 |
| 104 | JX434047.1 | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 28.64 | 20.91 | 27.73 | 22.73 | 42.27 | 44.55 | 40.29 | 41.85 | 49 | 1.519 | -0.027 | 0.2 | 0.650 | 2.133 |
| 105 | JX434046.1 | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.534 | -0.032 | 0.209 | 0.647 | 2.125 |
| 106 | JX434045.1 | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 107 | JF272513.1 | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 44.05 | 29.64 | 38.07 | 41.8 | 1.512 | -0.105 | 0.193 | 0.778 | 1.785 |
| 108 | JF272513.1 | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 109 | JF272512.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.81 | 43.90 | 29.49 | 37.92 | 41.9 | 1.509 | -0.108 | 0.193 | 0.769 | 1.763 |
| 110 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 111 | JF272511.1 | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.9 | 1.511 | -0.112 | 0.193 | 0.770 | 1.765 |
| 112 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 113 | JF272510.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.75 | 29.49 | 37.92 | 41.9 | 1.506 | -0.111 | 0.195 | 0.769 | 1.763 |
| 114 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.551 | -0.093 | 0.217 | 0.785 | 1.866 |
| 115 | JF272509.1 | VP1 | 35.66 | 21.97 | 22.62 | 19.74 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.75 | 29.33 | 37.84 | 41.8 | 1.51 | -0.113 | 0.199 | 0.771 | 1.769 |
| 116 |  | VP2 | 35.48 | 22.65 | 22.10 | 19.77 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.57 | 30.49 | 38.59 | 40.8 | 1.553 | -0.1 | 0.221 | 0.785 | 1.866 |
| 117 | JF272508.1 | VP1 | 35.71 | 21.97 | 22.67 | 19.64 | 38.24 | 20.09 | 29.32 | 12.35 | 48.81 | 43.60 | 29.33 | 37.77 | 41.7 | 1.52 | -0.112 | 0.198 | 0.773 | 1.774 |
| 118 |  | VP2 | 35.48 | 22.71 | 22.10 | 19.71 | 38.67 | 21.36 | 27.26 | 12.71 | 48.62 | 44.57 | 30.68 | 38.64 | 41 | 1.553 | -0.094 | 0.211 | 0.779 | 1.851 |
| 119 | JF272507.1 | VP1 | 35.62 | 21.97 | 22.67 | 19.74 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.75 | 29.33 | 37.84 | 41.7 | 1.518 | -0.111 | 0.198 | 0.775 | 1.778 |
| 120 |  | VP2 | 35.36 | 22.71 | 22.10 | 19.83 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 121 | JF272506.1 | VP1 | 35.52 | 22.02 | 22.62 | 19.84 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 42.1 | 1.503 | -0.108 | 0.191 | 0.758 | 1.738 |
| 122 |  | VP2 | 35.30 | 22.71 | 22.10 | 19.89 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41.2 | 1.543 | -0.093 | 0.208 | 0.767 | 1.823 |
| 123 | JF272505.1 | VP1 | 35.57 | 21.88 | 22.72 | 19.84 | 38.10 | 19.79 | 29.76 | 12.35 | 49.11 | 43.90 | 29.13 | 37.82 | 42 | 1.51 | -0.11 | 0.189 | 0.768 | 1.761 |
| 124 |  | VP2 | 35.36 | 22.53 | 22.22 | 19.89 | 38.67 | 20.99 | 27.81 | 12.52 | 48.99 | 44.75 | 30.23 | 38.55 | 41.1 | 1.552 | -0.097 | 0.206 | 0.780 | 1.853 |
| 125 | JF272504.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.81 | 43.90 | 29.49 | 37.92 | 41.9 | 1.512 | -0.108 | 0.192 | 0.768 | 1.762 |
| 126 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.67 | 21.36 | 27.26 | 12.71 | 48.62 | 44.75 | 30.68 | 38.68 | 41 | 1.554 | -0.093 | 0.21 | 0.782 | 1.857 |
| 127 | JF272503.1 | VP1 | 35.71 | 21.92 | 22.57 | 19.79 | 38.54 | 19.94 | 29.17 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.8 | 1.52 | -0.112 | 0.197 | 0.774 | 1.775 |
| 128 |  | VP2 | 35.54 | 22.59 | 22.04 | 19.83 | 39.23 | 21.18 | 27.07 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.7 | 1.565 | -0.098 | 0.218 | 0.787 | 1.871 |
| 129 | DQ677522.1 | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 130 | EU984097.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.2 | 1.502 | -0.146 | 0.128 | 0.693 | 1.601 |
| 131 | EU984096.1 | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 132 | MN887276.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.505 | -0.151 | 0.128 | 0.691 | 1.597 |
| 133 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 28.64 | 20.91 | 27.73 | 22.73 | 42.27 | 44.55 | 40.29 | 41.85 | 49 | 1.519 | -0.027 | 0.2 | 0.650 | 2.133 |
| 134 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 44.05 | 29.64 | 38.07 | 41.8 | 1.512 | -0.105 | 0.193 | 0.778 | 1.785 |
| 135 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 136 | MN887275.1 | NS1 | 29.90 | 21.56 | 28.75 | 19.79 | 28.75 | 18.91 | 38.28 | 14.06 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.499 | -0.151 | 0.127 | 0.690 | 1.593 |
| 137 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 138 |  | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 42.1 | 1.501 | -0.11 | 0.188 | 0.762 | 1.748 |
| 139 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41.2 | 1.541 | -0.096 | 0.205 | 0.773 | 1.837 |
| 140 | MN887273.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 141 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 142 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.512 | -0.108 | 0.192 | 0.768 | 1.762 |
| 143 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 144 | MN887272 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 145 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 146 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 147 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 148 | MN887274 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 149 |  | NP1 | 36.06 | 20.30 | 20.61 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.73 | 44.55 | 39.32 | 41.48 | 47.8 | 1.528 | -0.027 | 0.209 | 0.653 | 2.143 |
| 150 |  | VP1 | 35.66 | 21.92 | 22.62 | 19.79 | 38.39 | 19.94 | 29.32 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.7 | 1.518 | -0.112 | 0.198 | 0.774 | 1.775 |
| 151 |  | VP2 | 35.48 | 22.59 | 22.10 | 19.83 | 39.04 | 21.18 | 27.26 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.6 | 1.566 | -0.099 | 0.219 | 0.791 | 1.879 |
| 152 | MN887271.1 | NS1 | 29.90 | 21.56 | 28.80 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.50 | 38.44 | 30.41 | 37.94 | 46.6 | 1.498 | -0.151 | 0.128 | 0.689 | 1.592 |
| 153 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 154 |  | VP1 | 35.57 | 22.02 | 22.62 | 19.79 | 38.24 | 20.24 | 29.17 | 12.35 | 48.96 | 43.90 | 29.49 | 37.96 | 42.2 | 1.504 | -0.103 | 0.186 | 0.764 | 1.752 |
| 155 |  | VP2 | 35.30 | 22.77 | 22.04 | 19.89 | 38.67 | 21.55 | 27.07 | 12.71 | 48.99 | 44.75 | 30.87 | 38.87 | 41.2 | 1.546 | -0.084 | 0.208 | 0.781 | 1.855 |
| 156 | MN887270.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 157 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.55 | 38.83 | 41.12 | 47.8 | 1.553 | -0.042 | 0.209 | 0.653 | 2.144 |
| 158 |  | VP1 | 35.71 | 21.97 | 22.62 | 19.69 | 38.54 | 20.09 | 29.32 | 12.05 | 48.96 | 43.90 | 29.02 | 37.72 | 41.7 | 1.526 | -0.115 | 0.201 | 0.774 | 1.775 |
| 159 |  | VP2 | 35.54 | 22.65 | 22.10 | 19.71 | 39.23 | 21.36 | 27.26 | 12.15 | 48.80 | 44.75 | 30.10 | 38.44 | 40.6 | 1.573 | -0.102 | 0.222 | 0.790 | 1.877 |
| 160 | MN887269.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 161 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 162 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 163 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 164 | MN887268.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 165 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.535 | -0.032 | 0.209 | 0.650 | 2.134 |
| 166 |  | VP1 | 35.52 | 21.92 | 22.72 | 19.84 | 37.95 | 19.94 | 29.61 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42.4 | 1.497 | -0.112 | 0.182 | 0.752 | 1.725 |
| 167 |  | VP2 | 35.30 | 22.59 | 22.22 | 19.89 | 38.49 | 21.18 | 27.62 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.5 | 1.536 | -0.099 | 0.201 | 0.760 | 1.806 |
| 168 | MN887267.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 169 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.7 | 1.535 | -0.039 | 0.214 | 0.652 | 2.140 |
| 170 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 171 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 172 | MN887266.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 173 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 174 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.24 | 20.09 | 29.17 | 12.50 | 48.96 | 43.90 | 29.60 | 38.01 | 42.9 | 1.491 | -0.108 | 0.179 | 0.755 | 1.730 |
| 175 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.86 | 21.36 | 27.07 | 12.71 | 48.80 | 44.75 | 30.81 | 38.80 | 42.2 | 1.53 | -0.093 | 0.195 | 0.766 | 1.820 |
| 176 | JF272502.1 | VP1 | 35.62 | 21.92 | 22.57 | 19.89 | 38.10 | 20.09 | 29.32 | 12.50 | 49.26 | 43.60 | 29.60 | 38.01 | 42.1 | 1.506 | -0.112 | 0.193 | 0.756 | 1.734 |
| 177 |  | VP2 | 35.42 | 22.59 | 22.04 | 19.95 | 38.67 | 21.36 | 27.26 | 12.71 | 49.17 | 44.38 | 30.81 | 38.80 | 41.3 | 1.545 | -0.098 | 0.21 | 0.764 | 1.816 |
| 178 | JF272501.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.81 | 43.90 | 29.49 | 37.92 | 41.9 | 1.512 | -0.108 | 0.192 | 0.768 | 1.762 |
| 179 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.9 | 1.556 | -0.093 | 0.21 | 0.782 | 1.859 |
| 180 | HQ441229.1 | VP1 | 35.66 | 21.92 | 22.67 | 19.74 | 38.39 | 19.94 | 29.46 | 12.20 | 48.96 | 43.90 | 29.02 | 37.72 | 42 | 1.517 | -0.115 | 0.191 | 0.767 | 1.759 |
| 181 | HQ441228.1 | VP1 | 35.76 | 21.92 | 22.62 | 19.69 | 38.54 | 19.94 | 29.32 | 12.20 | 48.81 | 43.90 | 29.02 | 37.69 | 41.7 | 1.521 | -0.112 | 0.196 | 0.773 | 1.774 |
| 182 | DQ987598.1 | VP1 | 35.47 | 22.07 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 49.11 | 43.90 | 29.80 | 38.15 | 42.3 | 1.495 | -0.1 | 0.182 | 0.764 | 1.752 |
| 183 | DQ987597.1 | VP1 | 35.47 | 22.07 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 49.11 | 43.90 | 29.80 | 38.15 | 42.3 | 1.495 | -0.1 | 0.182 | 0.764 | 1.752 |
| 184 | DQ987596.1 | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.196 | 0.773 | 1.773 |
| 185 | DQ987595.1\_c | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.196 | 0.773 | 1.773 |
| 186 | DQ677523.1 | VP1 | 35.71 | 21.88 | 22.72 | 19.69 | 38.39 | 19.94 | 29.46 | 12.20 | 48.66 | 43.90 | 29.02 | 37.65 | 41.7 | 1.518 | -0.115 | 0.199 | 0.772 | 1.771 |
| 187 | DQ677521.1 | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.45 | 39.32 | 41.59 | 48.3 | 1.515 | -0.03 | 0.205 | 0.638 | 2.094 |
| 188 | DQ494202.1 | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 189 | DQ494200.1 | NP1 | 36.06 | 20.30 | 20.61 | 23.03 | 29.55 | 21.36 | 27.27 | 21.82 | 42.27 | 44.55 | 39.81 | 41.61 | 48.1 | 1.518 | -0.027 | 0.2 | 0.638 | 2.095 |
| 190 | EU078168.1 | VP2 | 35.36 | 22.47 | 22.16 | 20.01 | 38.49 | 20.99 | 27.44 | 13.08 | 48.62 | 44.75 | 30.68 | 38.68 | 41.3 | 1.531 | -0.096 | 0.204 | 0.772 | 1.833 |
| 191 | EU429804.1 | VP2 | 35.11 | 22.59 | 22.10 | 20.20 | 38.12 | 21.18 | 27.07 | 13.63 | 48.80 | 44.75 | 31.32 | 39.05 | 42 | 1.521 | -0.094 | 0.197 | 0.762 | 1.810 |
| 192 | DQ494204.1 | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 193 | DQ457414.1 | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.526 | -0.032 | 0.21 | 0.647 | 2.123 |
| 194 | MH427515.1 | NP1 | 35.38 | 17.95 | 26.41 | 20.26 | 30.77 | 17.69 | 36.15 | 15.38 | 43.85 | 37.69 | 28.33 | 34.55 | 42.5 | 1.788 | -0.14 | 0.375 | 0.763 | 4.509 |
| 195 | JQ964116.1 | NS1 | 29.75 | 22.00 | 28.39 | 19.86 | 30.58 | 19.97 | 36.51 | 12.95 | 54.45 | 38.22 | 30.47 | 38.40 | 48.3 | 1.5 | -0.134 | 0.133 | 0.669 | 1.546 |
| 196 |  | NP1 | 33.80 | 20.68 | 21.76 | 23.77 | 24.54 | 18.98 | 30.56 | 25.93 | 44.91 | 43.52 | 42.16 | 43.18 | 58.6 | 1.31 | -0.041 | 0.164 | 0.516 | 1.715 |
| 197 |  | VP1 | 36.78 | 20.71 | 23.35 | 19.16 | 40.42 | 19.46 | 30.54 | 9.58 | 47.90 | 42.66 | 25.39 | 35.34 | 41.1 | 1.623 | -0.139 | 0.209 | 0.817 | 1.876 |
| 198 |  | VP2 | 37.29 | 21.03 | 22.39 | 19.29 | 42.67 | 20.78 | 27.27 | 9.28 | 47.50 | 43.41 | 25.98 | 35.72 | 39.1 | 1.716 | -0.113 | 0.243 | 0.862 | 2.052 |
| 199 | JQ964115.1 | NS1 | 29.69 | 22.05 | 28.34 | 19.92 | 30.27 | 19.97 | 36.51 | 13.26 | 54.60 | 38.07 | 30.79 | 38.56 | 48.5 | 1.493 | -0.129 | 0.125 | 0.663 | 1.531 |
| 200 |  | NP1 | 33.80 | 20.68 | 21.76 | 23.77 | 24.54 | 18.98 | 30.56 | 25.93 | 44.91 | 43.52 | 42.16 | 43.18 | 57 | 1.339 | -0.048 | 0.175 | 0.530 | 1.761 |
| 201 |  | VP1 | 36.88 | 20.66 | 23.30 | 19.16 | 40.72 | 19.31 | 30.39 | 9.58 | 47.90 | 42.66 | 25.24 | 35.26 | 41.2 | 1.629 | -0.141 | 0.201 | 0.818 | 1.878 |
| 202 |  | VP2 | 37.41 | 20.96 | 22.33 | 19.29 | 43.04 | 20.59 | 27.09 | 9.28 | 47.50 | 43.41 | 25.79 | 35.62 | 39.2 | 1.726 | -0.116 | 0.236 | 0.865 | 2.059 |
| 203 | JQ964114.1 | NS1 | 29.79 | 21.67 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.59 | 30.57 | 38.10 | 46.8 | 1.493 | -0.148 | 0.125 | 0.679 | 1.570 |
| 204 |  | NP1 | 35.76 | 20.30 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.73 | 44.55 | 39.81 | 41.72 | 49.2 | 1.521 | -0.034 | 0.201 | 0.644 | 2.114 |
| 205 |  | VP1 | 35.52 | 21.92 | 22.62 | 19.94 | 37.95 | 19.94 | 29.46 | 12.65 | 49.11 | 43.90 | 29.60 | 38.05 | 42 | 1.503 | -0.106 | 0.191 | 0.766 | 1.757 |
| 206 |  | VP2 | 35.30 | 22.59 | 22.10 | 20.01 | 38.49 | 21.18 | 27.44 | 12.89 | 48.99 | 44.75 | 30.81 | 38.84 | 41.1 | 1.544 | -0.091 | 0.209 | 0.778 | 1.849 |
| 207 | KP242037.1 | NS1 | 29.90 | 21.61 | 28.70 | 19.79 | 28.75 | 19.06 | 38.13 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.7 | 1.498 | -0.149 | 0.126 | 0.687 | 1.587 |
| 208 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.534 | -0.032 | 0.209 | 0.647 | 2.125 |
| 209 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.51 | -0.108 | 0.192 | 0.768 | 1.760 |
| 210 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 41 | 1.551 | -0.093 | 0.21 | 0.776 | 1.843 |
| 211 | JQ513510.1 | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.514 | -0.108 | 0.193 | 0.770 | 1.765 |
| 212 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.9 | 1.557 | -0.093 | 0.212 | 0.782 | 1.858 |
| 213 | JQ513509.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 214 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 215 | JQ513508.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.192 | 0.768 | 1.760 |
| 216 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.552 | -0.093 | 0.21 | 0.781 | 1.856 |
| 217 | JQ513507.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 218 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 219 | JQ513506.1 | VP1 | 35.47 | 21.92 | 22.67 | 19.94 | 37.80 | 19.94 | 29.46 | 12.80 | 48.96 | 43.90 | 29.64 | 38.03 | 41.5 | 1.509 | -0.103 | 0.199 | 0.779 | 1.786 |
| 220 |  | VP2 | 35.24 | 22.59 | 22.16 | 20.01 | 38.31 | 21.18 | 27.44 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 40.3 | 1.551 | -0.087 | 0.221 | 0.794 | 1.886 |
| 221 | JQ513505.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 222 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 223 | JQ513504.1 | VP1 | 35.47 | 21.92 | 22.67 | 19.94 | 37.80 | 19.94 | 29.46 | 12.80 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.501 | -0.103 | 0.191 | 0.768 | 1.760 |
| 224 |  | VP2 | 35.24 | 22.59 | 22.16 | 20.01 | 38.31 | 21.18 | 27.44 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.542 | -0.087 | 0.209 | 0.780 | 1.855 |
| 225 | JQ513503.1 | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.75 | 29.49 | 37.92 | 41.9 | 1.504 | -0.111 | 0.193 | 0.768 | 1.762 |
| 226 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.549 | -0.093 | 0.212 | 0.783 | 1.861 |
| 227 | JQ513502.1 | VP1 | 35.66 | 21.78 | 22.72 | 19.84 | 38.10 | 19.79 | 29.46 | 12.65 | 48.51 | 43.90 | 29.33 | 37.77 | 42.1 | 1.497 | -0.113 | 0.191 | 0.760 | 1.742 |
| 228 |  | VP2 | 35.42 | 22.53 | 22.10 | 19.95 | 38.49 | 20.99 | 27.44 | 13.08 | 48.62 | 44.75 | 30.68 | 38.68 | 41 | 1.539 | -0.093 | 0.211 | 0.779 | 1.852 |
| 229 | JQ513501.1 | VP1 | 35.47 | 21.97 | 22.62 | 19.94 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 44.05 | 29.64 | 38.07 | 42 | 1.503 | -0.104 | 0.192 | 0.768 | 1.762 |
| 230 |  | VP2 | 35.24 | 22.65 | 22.10 | 20.01 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.94 | 30.87 | 38.87 | 41 | 1.544 | -0.089 | 0.21 | 0.782 | 1.857 |
| 231 | JQ513500.1 | VP1 | 35.57 | 21.97 | 22.67 | 19.79 | 38.10 | 20.09 | 29.46 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.512 | -0.11 | 0.198 | 0.771 | 1.768 |
| 232 |  | VP2 | 35.36 | 22.65 | 22.16 | 19.83 | 38.67 | 21.36 | 27.44 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.554 | -0.096 | 0.217 | 0.783 | 1.860 |
| 233 | JQ513499.1 | VP1 | 35.96 | 21.63 | 22.97 | 19.44 | 38.84 | 19.79 | 29.76 | 11.61 | 48.21 | 43.60 | 28.24 | 37.07 | 41.7 | 1.54 | -0.128 | 0.203 | 0.773 | 1.772 |
| 234 |  | VP2 | 35.85 | 22.10 | 22.65 | 19.40 | 39.59 | 20.81 | 27.99 | 11.60 | 47.88 | 44.20 | 28.93 | 37.49 | 40.8 | 1.589 | -0.121 | 0.225 | 0.782 | 1.857 |
| 235 | JQ513498.1 | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.505 | -0.105 | 0.192 | 0.768 | 1.761 |
| 236 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.547 | -0.09 | 0.21 | 0.781 | 1.855 |
| 237 | JQ513497.1 | VP1 | 35.47 | 21.92 | 22.67 | 19.94 | 37.80 | 19.94 | 29.46 | 12.80 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.501 | -0.103 | 0.191 | 0.768 | 1.760 |
| 238 |  | VP2 | 35.24 | 22.59 | 22.16 | 20.01 | 38.31 | 21.18 | 27.44 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.542 | -0.087 | 0.209 | 0.780 | 1.855 |
| 239 | JQ513496.1 | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.51 | -0.108 | 0.193 | 0.768 | 1.763 |
| 240 |  | VP1 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.9 | 1.553 | -0.093 | 0.211 | 0.781 | 1.857 |
| 241 | JQ513495.1 | VP2 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 242 |  | VP1 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 243 | JQ513494.1 | VP2 | 35.96 | 21.88 | 22.72 | 19.44 | 38.84 | 19.79 | 29.76 | 11.61 | 48.66 | 43.90 | 28.24 | 37.26 | 41.8 | 1.534 | -0.122 | 0.201 | 0.777 | 1.783 |
| 244 |  | VP1 | 35.85 | 22.41 | 22.34 | 19.40 | 39.59 | 20.81 | 27.99 | 11.60 | 48.43 | 44.57 | 28.93 | 37.72 | 41.1 | 1.576 | -0.114 | 0.222 | 0.781 | 1.855 |
| 245 | JQ513493.1 | VP2 | 35.66 | 21.83 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.81 | 43.90 | 29.17 | 37.76 | 42 | 1.5 | -0.115 | 0.192 | 0.764 | 1.752 |
| 246 |  | VP1 | 35.42 | 22.47 | 22.16 | 19.95 | 38.67 | 20.99 | 27.44 | 12.89 | 48.62 | 44.75 | 30.49 | 38.59 | 41.2 | 1.536 | -0.099 | 0.204 | 0.772 | 1.834 |
| 247 | JQ513492.1 | VP2 | 35.47 | 21.92 | 22.67 | 19.94 | 37.80 | 19.94 | 29.46 | 12.80 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.501 | -0.103 | 0.191 | 0.768 | 1.760 |
| 248 |  | VP1 | 35.24 | 22.59 | 22.16 | 20.01 | 38.31 | 21.18 | 27.44 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.542 | -0.087 | 0.209 | 0.780 | 1.855 |
| 249 | JQ513491.1 | VP2 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 250 |  | VP1 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 251 | JQ513490.1 | VP2 | 35.52 | 21.88 | 22.72 | 19.89 | 37.95 | 19.79 | 29.61 | 12.65 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.503 | -0.108 | 0.189 | 0.765 | 1.756 |
| 252 |  | VP1 | 35.30 | 22.53 | 22.22 | 19.95 | 38.49 | 20.99 | 27.62 | 12.89 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.544 | -0.093 | 0.206 | 0.777 | 1.847 |
| 253 | JQ513489.1 | VP2 | 35.66 | 21.88 | 22.67 | 19.79 | 38.39 | 19.79 | 29.46 | 12.35 | 48.96 | 43.90 | 29.02 | 37.72 | 41.7 | 1.525 | -0.112 | 0.195 | 0.773 | 1.774 |
| 254 |  | VP1 | 35.48 | 22.53 | 22.16 | 19.83 | 39.04 | 20.99 | 27.44 | 12.52 | 48.80 | 44.75 | 30.10 | 38.44 | 40.8 | 1.572 | -0.099 | 0.214 | 0.788 | 1.873 |
| 255 | JQ513488.1 | VP2 | 35.57 | 21.92 | 22.72 | 19.79 | 38.10 | 19.94 | 29.61 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.7 | 1.513 | -0.11 | 0.198 | 0.771 | 1.769 |
| 256 |  | VP1 | 35.36 | 22.59 | 22.22 | 19.83 | 38.67 | 21.18 | 27.62 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.7 | 1.556 | -0.096 | 0.217 | 0.783 | 1.861 |
| 257 | JQ513487.1 | VP2 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 258 |  | VP1 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 259 | JQ513486.1 | VP2 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 260 |  | VP1 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 261 | JQ513485.1 | VP2 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 262 |  | VP1 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 263 | GQ403983.1 | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 38.10 | 20.24 | 29.17 | 12.50 | 48.96 | 43.90 | 29.64 | 38.03 | 42.6 | 1.494 | -0.105 | 0.177 | 0.756 | 1.735 |
| 264 | GQ403982.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.508 | -0.108 | 0.196 | 0.770 | 1.767 |
| 265 | GQ403981.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.514 | -0.11 | 0.197 | 0.772 | 1.770 |
| 266 | GQ403980.1 | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 267 | GQ403979.1 | VP1 | 35.71 | 21.92 | 22.67 | 19.69 | 38.54 | 19.94 | 29.46 | 12.05 | 48.96 | 43.90 | 28.86 | 37.64 | 41.7 | 1.536 | -0.115 | 0.197 | 0.773 | 1.774 |
| 268 | GQ403978.1 | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.512 | -0.112 | 0.195 | 0.770 | 1.766 |
| 269 | GQ403977.1 | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 270 | GQ403976.1 | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 271 | GQ403975.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.514 | -0.11 | 0.195 | 0.769 | 1.764 |
| 272 | GQ403974.1 | VP1 | 35.47 | 21.92 | 22.67 | 19.94 | 37.95 | 19.94 | 29.46 | 12.65 | 49.11 | 43.90 | 29.49 | 37.99 | 42.1 | 1.503 | -0.108 | 0.186 | 0.764 | 1.752 |
| 273 | GQ403973.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.514 | -0.11 | 0.195 | 0.769 | 1.764 |
| 274 | GQ403972.1 | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 275 | GQ403971.1 | VP1 | 35.62 | 22.02 | 22.57 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 49.11 | 43.75 | 29.49 | 37.96 | 41.8 | 1.51 | -0.109 | 0.194 | 0.768 | 1.761 |
| 276 | GQ403970.1 | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 277 | GQ403969.1 | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.515 | -0.108 | 0.194 | 0.772 | 1.770 |
| 278 | GQ403968.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.75 | 29.49 | 37.92 | 41.9 | 1.511 | -0.109 | 0.193 | 0.768 | 1.762 |
| 279 | GQ403967.1 | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.75 | 29.49 | 37.92 | 41.9 | 1.511 | -0.109 | 0.193 | 0.768 | 1.762 |
| 280 | FJ560720.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.499 | -0.151 | 0.128 | 0.689 | 1.591 |
| 281 |  | NP-1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 282 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 42.1 | 1.501 | -0.108 | 0.187 | 0.762 | 1.748 |
| 283 |  | VP2 | 35.24 | 22.59 | 22.16 | 20.01 | 38.31 | 21.18 | 27.44 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 41.3 | 1.535 | -0.093 | 0.204 | 0.772 | 1.835 |
| 284 | KP710213.1 | NS1 | 29.79 | 21.61 | 28.75 | 19.84 | 28.59 | 19.22 | 38.13 | 14.06 | 52.66 | 38.44 | 30.73 | 38.14 | 46.5 | 1.497 | -0.146 | 0.128 | 0.688 | 1.590 |
| 285 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.7 | 1.535 | -0.039 | 0.214 | 0.652 | 2.140 |
| 286 |  | VP1 | 35.66 | 21.92 | 22.67 | 19.74 | 38.39 | 20.09 | 29.32 | 12.20 | 48.81 | 43.90 | 29.17 | 37.76 | 41.7 | 1.518 | -0.115 | 0.2 | 0.772 | 1.770 |
| 287 |  | VP2 | 35.48 | 22.65 | 22.10 | 19.77 | 39.04 | 21.36 | 27.26 | 12.34 | 48.80 | 44.75 | 30.29 | 38.53 | 40.6 | 1.562 | -0.099 | 0.223 | 0.789 | 1.875 |
| 288 | KP710212.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.149 | 0.127 | 0.688 | 1.589 |
| 289 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.512 | -0.024 | 0.206 | 0.646 | 2.122 |
| 290 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 37.95 | 20.09 | 29.32 | 12.65 | 48.81 | 43.90 | 29.64 | 38.00 | 42 | 1.504 | -0.105 | 0.192 | 0.767 | 1.760 |
| 291 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 292 | KP710211.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 293 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 294 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 295 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 296 | KP710210.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.149 | 0.127 | 0.688 | 1.589 |
| 297 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 47.8 | 1.533 | -0.034 | 0.211 | 0.653 | 2.145 |
| 298 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.8 | 1.512 | -0.112 | 0.196 | 0.773 | 1.773 |
| 299 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.9 | 1.548 | -0.096 | 0.212 | 0.782 | 1.858 |
| 300 | KP710209.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.149 | 0.127 | 0.688 | 1.589 |
| 301 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 302 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 303 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 304 | KP710208.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 305 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 306 |  | VP1 | 35.62 | 22.07 | 22.52 | 19.79 | 38.24 | 20.39 | 29.02 | 12.35 | 48.96 | 43.90 | 29.64 | 38.03 | 42.5 | 1.504 | -0.105 | 0.18 | 0.759 | 1.740 |
| 307 |  | VP2 | 35.36 | 22.77 | 21.98 | 19.89 | 38.67 | 21.73 | 26.89 | 12.71 | 48.80 | 44.75 | 31.07 | 38.92 | 41.7 | 1.536 | -0.087 | 0.197 | 0.770 | 1.830 |
| 308 | KP710207.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 309 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 310 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.10 | 19.94 | 29.46 | 12.50 | 48.81 | 43.90 | 29.33 | 37.84 | 42 | 1.506 | -0.11 | 0.189 | 0.765 | 1.755 |
| 311 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 312 | KP710206.1 | NS1 | 29.84 | 21.61 | 28.70 | 19.84 | 28.59 | 19.06 | 38.13 | 14.22 | 52.66 | 38.44 | 30.73 | 38.14 | 46.9 | 1.49 | -0.146 | 0.122 | 0.683 | 1.578 |
| 313 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 314 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.51 | -0.105 | 0.193 | 0.772 | 1.770 |
| 315 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.9 | 1.554 | -0.09 | 0.212 | 0.786 | 1.868 |
| 316 | KP710205.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 317 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 39.13 | 41.38 | 47.7 | 1.532 | -0.034 | 0.208 | 0.647 | 2.123 |
| 318 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 44.05 | 29.64 | 38.07 | 41.8 | 1.512 | -0.105 | 0.193 | 0.778 | 1.785 |
| 319 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 320 | KP710204.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.149 | 0.127 | 0.688 | 1.589 |
| 321 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 322 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 323 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 324 | KP710203.1 | NS1 | 30.00 | 21.61 | 28.70 | 19.69 | 29.06 | 19.06 | 38.13 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.7 | 1.5 | -0.154 | 0.13 | 0.688 | 1.590 |
| 325 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 326 |  | VP1 | 35.66 | 21.92 | 22.67 | 19.74 | 38.10 | 19.94 | 29.46 | 12.50 | 48.81 | 43.75 | 29.33 | 37.80 | 42.1 | 1.504 | -0.113 | 0.189 | 0.763 | 1.751 |
| 327 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 328 | KP710202.1 | NS1 | 29.95 | 21.61 | 28.70 | 19.74 | 28.91 | 19.06 | 38.13 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.8 | 1.497 | -0.151 | 0.127 | 0.687 | 1.586 |
| 329 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 330 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 37.95 | 20.24 | 29.17 | 12.65 | 48.96 | 43.75 | 29.80 | 38.08 | 41.9 | 1.504 | -0.106 | 0.195 | 0.768 | 1.761 |
| 331 |  | VP2 | 35.36 | 22.71 | 22.04 | 19.89 | 38.49 | 21.55 | 27.07 | 12.89 | 48.80 | 44.57 | 31.07 | 38.88 | 41 | 1.545 | -0.091 | 0.215 | 0.781 | 1.856 |
| 332 | KP710201.1 | NS1 | 29.90 | 21.61 | 28.70 | 19.79 | 28.75 | 19.06 | 38.13 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.8 | 1.494 | -0.149 | 0.126 | 0.686 | 1.584 |
| 333 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 334 |  | VP1 | 35.66 | 22.02 | 22.62 | 19.69 | 38.39 | 20.24 | 29.32 | 12.05 | 48.96 | 43.90 | 29.17 | 37.80 | 41.6 | 1.518 | -0.108 | 0.197 | 0.775 | 1.778 |
| 335 |  | VP2 | 35.48 | 22.71 | 22.10 | 19.71 | 39.04 | 21.55 | 27.26 | 12.15 | 48.80 | 44.75 | 30.29 | 38.53 | 40.5 | 1.56 | -0.093 | 0.216 | 0.782 | 1.858 |
| 336 | KP710200.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 337 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 47.8 | 1.531 | -0.034 | 0.209 | 0.653 | 2.145 |
| 338 |  | VP1 | 35.76 | 21.92 | 22.62 | 19.69 | 38.54 | 19.94 | 29.32 | 12.20 | 48.81 | 43.90 | 29.02 | 37.69 | 41.7 | 1.521 | -0.112 | 0.196 | 0.773 | 1.774 |
| 339 |  | VP2 | 35.54 | 22.59 | 22.10 | 19.77 | 39.23 | 21.18 | 27.26 | 12.34 | 48.80 | 44.75 | 30.10 | 38.44 | 40.8 | 1.566 | -0.099 | 0.214 | 0.782 | 1.858 |
| 340 | KP710199.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 341 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 47.8 | 1.531 | -0.034 | 0.209 | 0.653 | 2.145 |
| 342 |  | VP1 | 35.76 | 21.92 | 22.62 | 19.69 | 38.54 | 19.94 | 29.32 | 12.20 | 48.81 | 43.90 | 29.02 | 37.69 | 41.7 | 1.521 | -0.112 | 0.196 | 0.773 | 1.774 |
| 343 |  | VP2 | 35.54 | 22.59 | 22.10 | 19.77 | 39.23 | 21.18 | 27.26 | 12.34 | 48.80 | 44.75 | 30.10 | 38.44 | 40.8 | 1.566 | -0.099 | 0.214 | 0.782 | 1.858 |
| 344 | KX373885.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.5 | 1.503 | -0.151 | 0.13 | 0.690 | 1.594 |
| 345 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 346 |  | VP1 | 35.57 | 21.97 | 22.57 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.503 | -0.106 | 0.189 | 0.766 | 1.756 |
| 347 |  | VP2 | 35.36 | 22.65 | 22.04 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41.1 | 1.545 | -0.091 | 0.207 | 0.779 | 1.851 |
| 348 | KX373884.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 349 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 350 |  | VP1 | 35.66 | 21.88 | 22.67 | 19.79 | 37.95 | 19.94 | 29.46 | 12.65 | 48.66 | 43.75 | 29.49 | 37.85 | 42.3 | 1.49 | -0.111 | 0.188 | 0.756 | 1.735 |
| 351 |  | VP2 | 35.36 | 22.53 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.62 | 44.75 | 30.68 | 38.68 | 41.3 | 1.53 | -0.096 | 0.203 | 0.767 | 1.823 |
| 352 | KM464731.1 | NS1 | 29.90 | 21.67 | 28.70 | 19.74 | 28.75 | 19.22 | 38.13 | 13.91 | 52.66 | 38.44 | 30.57 | 38.06 | 46.8 | 1.491 | -0.149 | 0.125 | 0.680 | 1.570 |
| 353 |  | NP1 | 36.06 | 20.30 | 20.76 | 22.88 | 30.00 | 21.36 | 27.73 | 20.91 | 42.27 | 45.00 | 38.83 | 41.24 | 47.2 | 1.546 | -0.024 | 0.213 | 0.656 | 2.154 |
| 354 |  | VP1 | 35.47 | 22.07 | 22.57 | 19.89 | 38.10 | 20.24 | 29.17 | 12.50 | 49.26 | 43.90 | 29.64 | 38.11 | 42.2 | 1.499 | -0.103 | 0.186 | 0.766 | 1.757 |
| 355 |  | VP2 | 35.24 | 22.77 | 22.04 | 19.95 | 38.67 | 21.55 | 27.07 | 12.71 | 49.17 | 44.75 | 30.87 | 38.92 | 41.3 | 1.54 | -0.087 | 0.205 | 0.778 | 1.848 |
| 356 | KM464730.1 | NS1 | 29.79 | 21.51 | 28.80 | 19.90 | 28.44 | 18.91 | 38.44 | 14.22 | 52.66 | 38.44 | 30.57 | 38.06 | 46.5 | 1.494 | -0.149 | 0.127 | 0.687 | 1.587 |
| 357 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 358 |  | VP1 | 35.71 | 21.97 | 22.52 | 19.79 | 38.54 | 20.09 | 29.02 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.527 | -0.108 | 0.194 | 0.771 | 1.767 |
| 359 |  | VP2 | 35.48 | 22.65 | 21.98 | 19.89 | 39.04 | 21.36 | 26.89 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.565 | -0.09 | 0.214 | 0.785 | 1.865 |
| 360 | KM464728.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.28 | 30.57 | 38.02 | 46.4 | 1.496 | -0.15 | 0.128 | 0.689 | 1.592 |
| 361 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 362 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.509 | -0.108 | 0.195 | 0.771 | 1.769 |
| 363 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.551 | -0.093 | 0.217 | 0.785 | 1.866 |
| 364 | KM464729.1 | NS1 | 29.90 | 21.67 | 28.70 | 19.74 | 28.75 | 19.22 | 38.13 | 13.91 | 52.66 | 38.44 | 30.57 | 38.06 | 46.8 | 1.491 | -0.149 | 0.125 | 0.680 | 1.570 |
| 365 |  | NP1 | 36.06 | 20.30 | 20.76 | 22.88 | 30.00 | 21.36 | 27.73 | 20.91 | 42.27 | 45.00 | 38.83 | 41.24 | 47.2 | 1.546 | -0.024 | 0.213 | 0.656 | 2.154 |
| 366 | JX887482.1 | NS1 | 29.69 | 21.61 | 28.75 | 19.95 | 28.44 | 19.06 | 38.28 | 14.22 | 52.66 | 38.75 | 30.73 | 38.22 | 46.7 | 1.493 | -0.145 | 0.123 | 0.686 | 1.584 |
| 367 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 368 |  | VP1 | 35.57 | 22.02 | 22.52 | 19.89 | 38.10 | 20.39 | 29.17 | 12.35 | 49.11 | 43.90 | 29.64 | 38.07 | 42 | 1.508 | -0.106 | 0.193 | 0.767 | 1.758 |
| 369 |  | VP2 | 35.42 | 22.59 | 22.10 | 19.89 | 38.67 | 21.36 | 27.44 | 12.52 | 48.99 | 44.57 | 30.49 | 38.63 | 41 | 1.553 | -0.098 | 0.211 | 0.778 | 1.850 |
| 370 | JX887481.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.502 | -0.149 | 0.127 | 0.690 | 1.595 |
| 371 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 372 |  | VP1 | 35.71 | 22.02 | 22.57 | 19.69 | 38.39 | 20.24 | 29.17 | 12.20 | 48.96 | 43.75 | 29.33 | 37.84 | 41.8 | 1.52 | -0.111 | 0.197 | 0.771 | 1.769 |
| 373 |  | VP2 | 35.42 | 22.71 | 22.04 | 19.83 | 38.86 | 21.55 | 27.07 | 12.52 | 48.80 | 44.75 | 30.68 | 38.73 | 40.9 | 1.562 | -0.093 | 0.213 | 0.784 | 1.863 |
| 374 | JX887480.1 | NS1 | 29.79 | 21.61 | 28.80 | 19.79 | 28.44 | 19.06 | 38.44 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.7 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 375 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 41.82 | 45.00 | 39.32 | 41.36 | 47.9 | 1.527 | -0.032 | 0.208 | 0.650 | 2.133 |
| 376 |  | VP1 | 35.32 | 21.92 | 22.67 | 20.09 | 37.80 | 20.09 | 29.32 | 12.80 | 49.11 | 44.05 | 29.91 | 38.24 | 42.1 | 1.487 | -0.095 | 0.193 | 0.764 | 1.752 |
| 377 |  | VP2 | 34.99 | 22.65 | 22.10 | 20.26 | 38.12 | 21.36 | 27.26 | 13.26 | 48.99 | 45.12 | 31.40 | 39.22 | 41.2 | 1.526 | -0.075 | 0.209 | 0.775 | 1.841 |
| 378 | JQ411251.1 | NS1 | 30.39 | 22.29 | 26.47 | 20.84 | 29.80 | 19.57 | 34.65 | 15.98 | 53.84 | 40.03 | 33.25 | 40.09 | 50.1 | 1.397 | -0.126 | 0.091 | 0.641 | 1.441 |
| 379 |  | NS1 | 30.05 | 21.56 | 28.80 | 19.58 | 29.22 | 19.06 | 38.28 | 13.44 | 52.50 | 38.44 | 29.92 | 37.69 | 46.3 | 1.517 | -0.159 | 0.134 | 0.696 | 1.607 |
| 380 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 381 |  | VP1 | 35.66 | 21.92 | 22.67 | 19.74 | 38.24 | 19.94 | 29.46 | 12.35 | 48.81 | 43.90 | 29.17 | 37.76 | 41.4 | 1.52 | -0.105 | 0.199 | 0.781 | 1.791 |
| 382 |  | VP2 | 35.48 | 22.59 | 22.16 | 19.77 | 38.86 | 21.18 | 27.44 | 12.52 | 48.62 | 44.75 | 30.29 | 38.49 | 40.3 | 1.566 | -0.09 | 0.219 | 0.797 | 1.893 |
| 383 | GQ455988.1 | NS1 | 29.84 | 21.61 | 28.80 | 19.74 | 28.44 | 18.91 | 38.59 | 14.06 | 52.50 | 38.59 | 30.41 | 37.98 | 46.6 | 1.502 | -0.151 | 0.126 | 0.691 | 1.597 |
| 384 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 385 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 38.10 | 20.09 | 29.32 | 12.50 | 49.11 | 44.05 | 29.60 | 38.09 | 42.6 | 1.496 | -0.107 | 0.187 | 0.754 | 1.728 |
| 386 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.94 | 30.68 | 38.77 | 41.4 | 1.542 | -0.092 | 0.207 | 0.773 | 1.837 |
| 387 | GQ455987.1 | NS1 | 29.84 | 21.56 | 28.75 | 19.84 | 28.59 | 18.91 | 38.28 | 14.22 | 52.66 | 38.44 | 30.57 | 38.06 | 46.9 | 1.491 | -0.154 | 0.124 | 0.674 | 1.556 |
| 388 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 389 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.10 | 19.94 | 29.46 | 12.50 | 48.81 | 43.90 | 29.33 | 37.84 | 42 | 1.508 | -0.11 | 0.19 | 0.769 | 1.763 |
| 390 |  | VP2 | 35.42 | 22.59 | 22.16 | 19.83 | 38.67 | 21.18 | 27.44 | 12.71 | 48.62 | 44.75 | 30.49 | 38.59 | 41 | 1.551 | -0.096 | 0.208 | 0.782 | 1.857 |
| 391 | EF203922.1 | NS1 | 30.00 | 21.56 | 28.75 | 19.69 | 29.22 | 18.91 | 38.28 | 13.59 | 52.81 | 38.44 | 29.92 | 37.77 | 46.6 | 1.504 | -0.156 | 0.129 | 0.690 | 1.594 |
| 392 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 393 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 48.96 | 43.90 | 29.80 | 38.11 | 42.3 | 1.495 | -0.111 | 0.186 | 0.764 | 1.753 |
| 394 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.55 | 27.07 | 12.89 | 48.80 | 44.57 | 31.07 | 38.88 | 41.4 | 1.529 | -0.097 | 0.205 | 0.765 | 1.819 |
| 395 | EF203921.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 396 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 397 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 37.80 | 19.94 | 29.32 | 12.95 | 48.81 | 43.75 | 29.80 | 38.04 | 42.7 | 1.478 | -0.114 | 0.184 | 0.756 | 1.734 |
| 398 |  | VP2 | 35.17 | 22.59 | 22.10 | 20.14 | 38.12 | 21.18 | 27.26 | 13.44 | 48.80 | 44.75 | 31.26 | 39.02 | 41.9 | 1.512 | -0.093 | 0.195 | 0.765 | 1.817 |
| 399 | EF203920.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.503 | -0.151 | 0.131 | 0.691 | 1.597 |
| 400 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 401 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 42.1 | 1.504 | -0.108 | 0.189 | 0.764 | 1.753 |
| 402 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 403 | GQ926983.1 | NS1 | 29.79 | 21.67 | 28.75 | 19.79 | 28.44 | 19.38 | 38.13 | 14.06 | 52.66 | 38.28 | 30.89 | 38.18 | 47.2 | 1.48 | -0.144 | 0.123 | 0.676 | 1.562 |
| 404 |  | NP1 | 35.91 | 20.00 | 20.91 | 23.18 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 44.55 | 39.32 | 41.36 | 48.6 | 1.515 | -0.034 | 0.187 | 0.641 | 2.103 |
| 405 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 48.96 | 43.90 | 29.80 | 38.11 | 42.1 | 1.507 | -0.103 | 0.186 | 0.756 | 1.733 |
| 406 |  | VP2 | 35.30 | 22.71 | 22.04 | 19.95 | 38.49 | 21.55 | 27.07 | 12.89 | 48.80 | 44.75 | 31.07 | 38.92 | 41.3 | 1.547 | -0.087 | 0.201 | 0.766 | 1.821 |
| 407 | GQ926981.1 | NS1 | 29.90 | 21.67 | 28.70 | 19.74 | 28.75 | 19.22 | 38.13 | 13.91 | 52.81 | 38.28 | 30.57 | 38.06 | 46.9 | 1.49 | -0.149 | 0.126 | 0.675 | 1.561 |
| 408 |  | NP1 | 35.91 | 20.00 | 20.91 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 48.4 | 1.501 | -0.032 | 0.205 | 0.650 | 2.133 |
| 409 |  | VP1 | 35.32 | 21.97 | 22.62 | 20.09 | 37.50 | 20.09 | 29.32 | 13.10 | 48.96 | 44.05 | 30.11 | 38.31 | 42.2 | 1.489 | -0.1 | 0.187 | 0.755 | 1.731 |
| 410 |  | VP2 | 35.11 | 22.65 | 22.10 | 20.14 | 38.12 | 21.36 | 27.26 | 13.26 | 48.80 | 44.94 | 31.26 | 39.07 | 41.4 | 1.53 | -0.086 | 0.202 | 0.764 | 1.815 |
| 411 | GQ926982.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 412 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.09 | 39.81 | 41.49 | 48.3 | 1.517 | -0.029 | 0.197 | 0.638 | 2.094 |
| 413 |  | VP1 | 35.52 | 21.97 | 22.57 | 19.94 | 37.95 | 20.09 | 29.17 | 12.80 | 48.96 | 43.90 | 29.80 | 38.11 | 41.9 | 1.501 | -0.105 | 0.189 | 0.769 | 1.764 |
| 414 |  | VP2 | 35.30 | 22.65 | 22.04 | 20.01 | 38.49 | 21.36 | 27.07 | 13.08 | 48.80 | 44.75 | 31.07 | 38.92 | 41 | 1.544 | -0.09 | 0.208 | 0.784 | 1.864 |
| 415 | DQ457413.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.505 | -0.151 | 0.128 | 0.691 | 1.597 |
| 416 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.45 | 20.91 | 27.73 | 20.91 | 42.27 | 45.00 | 38.35 | 40.99 | 47.2 | 1.56 | -0.032 | 0.215 | 0.658 | 2.160 |
| 417 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.81 | 44.05 | 29.64 | 38.03 | 42.3 | 1.502 | -0.107 | 0.189 | 0.759 | 1.741 |
| 418 |  | VP2 | 35.24 | 22.65 | 22.10 | 20.01 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.94 | 30.87 | 38.87 | 41.4 | 1.544 | -0.092 | 0.207 | 0.772 | 1.834 |
| 419 | KJ649742.1 | NS1 | 30.21 | 21.42 | 29.80 | 18.56 | 33.07 | 17.94 | 39.78 | 9.20 | 54.13 | 38.69 | 24.60 | 35.50 | 43.8 | 1.694 | -0.213 | 0.217 | 0.822 | 1.899 |
| 420 |  | NP1 | 35.35 | 20.00 | 22.48 | 22.17 | 26.05 | 18.60 | 32.56 | 22.79 | 40.93 | 44.19 | 38.42 | 40.49 | 55.8 | 1.38 | -0.094 | 0.158 | 0.554 | 1.847 |
| 421 |  | VP1 | 37.36 | 20.72 | 23.75 | 18.18 | 42.18 | 19.67 | 29.96 | 8.20 | 45.90 | 42.92 | 24.29 | 34.35 | 39.4 | 1.729 | -0.154 | 0.265 | 0.875 | 2.008 |
| 422 |  | VP2 | 37.82 | 21.03 | 22.94 | 18.20 | 44.46 | 20.85 | 26.75 | 7.93 | 45.02 | 43.91 | 24.80 | 34.63 | 37.1 | 1.855 | -0.131 | 0.313 | 0.937 | 2.227 |
| 423 | KJ649741.1 | NS1 | 30.32 | 21.32 | 29.75 | 18.62 | 33.23 | 17.78 | 39.63 | 9.36 | 53.82 | 38.85 | 24.60 | 35.46 | 43.9 | 1.691 | -0.214 | 0.215 | 0.826 | 1.908 |
| 424 |  | NP1 | 35.19 | 20.00 | 22.64 | 22.17 | 25.58 | 18.60 | 33.02 | 22.79 | 40.93 | 44.19 | 38.42 | 40.49 | 55.9 | 1.376 | -0.094 | 0.158 | 0.553 | 1.844 |
| 425 |  | VP1 | 37.21 | 20.52 | 24.04 | 18.23 | 42.03 | 18.93 | 30.85 | 8.20 | 46.50 | 42.62 | 23.51 | 34.04 | 40 | 1.712 | -0.171 | 0.259 | 0.856 | 1.963 |
| 426 |  | VP2 | 37.70 | 20.79 | 23.31 | 18.20 | 44.28 | 19.93 | 27.86 | 7.93 | 45.57 | 43.54 | 23.83 | 34.19 | 37.6 | 1.832 | -0.15 | 0.308 | 0.910 | 2.163 |
| 427 | KU557406.1 | NS1 | 29.95 | 21.56 | 28.75 | 19.74 | 28.91 | 19.06 | 38.28 | 13.75 | 52.50 | 38.59 | 30.24 | 37.90 | 46.8 | 1.502 | -0.151 | 0.129 | 0.689 | 1.593 |
| 428 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 429 |  | VP1 | 35.66 | 21.92 | 22.62 | 19.79 | 38.10 | 20.09 | 29.17 | 12.65 | 48.81 | 43.60 | 29.64 | 37.92 | 42.4 | 1.493 | -0.112 | 0.187 | 0.755 | 1.731 |
| 430 |  | VP2 | 35.42 | 22.59 | 22.10 | 19.89 | 38.67 | 21.36 | 27.07 | 12.89 | 48.62 | 44.57 | 30.87 | 38.73 | 41.4 | 1.536 | -0.094 | 0.204 | 0.767 | 1.824 |
| 431 | KU557404.1 | NS1 | 29.84 | 21.61 | 28.80 | 19.74 | 28.44 | 19.06 | 38.44 | 14.06 | 52.66 | 38.28 | 30.57 | 38.02 | 46.6 | 1.497 | -0.149 | 0.126 | 0.687 | 1.588 |
| 432 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 433 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 42.1 | 1.498 | -0.11 | 0.188 | 0.763 | 1.750 |
| 434 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41.1 | 1.539 | -0.096 | 0.207 | 0.776 | 1.843 |
| 435 | DQ988933.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 436 |  | NP | 35.91 | 20.15 | 20.61 | 23.33 | 29.55 | 20.91 | 27.27 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 47.4 | 1.541 | -0.032 | 0.212 | 0.663 | 2.175 |
| 437 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.66 | 44.05 | 29.33 | 37.84 | 42 | 1.514 | -0.115 | 0.196 | 0.767 | 1.760 |
| 438 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.62 | 44.94 | 30.68 | 38.73 | 41.1 | 1.551 | -0.097 | 0.211 | 0.779 | 1.851 |
| 439 | KJ684078.1 | NS1 | 29.79 | 21.61 | 28.75 | 19.84 | 28.44 | 19.06 | 38.28 | 14.22 | 52.66 | 38.44 | 30.73 | 38.14 | 46.7 | 1.495 | -0.149 | 0.126 | 0.686 | 1.584 |
| 440 | KJ684077.1 | NS1 | 29.79 | 21.61 | 28.75 | 19.84 | 28.44 | 19.06 | 38.28 | 14.22 | 52.66 | 38.44 | 30.73 | 38.14 | 46.7 | 1.495 | -0.149 | 0.126 | 0.686 | 1.584 |
| 441 | KJ684076.1 | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 442 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 443 | KJ684075.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.5 | 1.501 | -0.151 | 0.13 | 0.691 | 1.597 |
| 444 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 445 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 38.39 | 20.09 | 29.32 | 12.20 | 49.40 | 43.90 | 29.17 | 37.91 | 42.4 | 1.509 | -0.112 | 0.189 | 0.764 | 1.752 |
| 446 |  | VP2 | 35.36 | 22.71 | 22.04 | 19.89 | 38.86 | 21.36 | 27.26 | 12.52 | 49.17 | 44.75 | 30.49 | 38.72 | 41.7 | 1.547 | -0.095 | 0.201 | 0.773 | 1.837 |
| 447 | KJ684074.1 | NP1 | 35.61 | 20.15 | 20.76 | 23.48 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.45 | 39.81 | 41.83 | 48.5 | 1.502 | -0.022 | 0.201 | 0.636 | 2.089 |
| 448 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41.7 | 1.537 | -0.099 | 0.203 | 0.771 | 1.832 |
| 449 | KJ684073.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 450 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 451 |  | VP1 | 35.66 | 21.92 | 22.62 | 19.79 | 38.24 | 19.94 | 29.32 | 12.50 | 48.81 | 43.90 | 29.33 | 37.84 | 41.7 | 1.514 | -0.11 | 0.196 | 0.774 | 1.776 |
| 452 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.555 | -0.093 | 0.213 | 0.787 | 1.870 |
| 453 | KJ684071.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.9 | 1.499 | -0.151 | 0.126 | 0.687 | 1.587 |
| 454 |  | VP1 | 35.76 | 22.12 | 22.42 | 19.69 | 38.54 | 20.54 | 28.87 | 12.05 | 48.96 | 43.90 | 29.49 | 37.96 | 41.5 | 1.524 | -0.111 | 0.206 | 0.783 | 1.797 |
| 455 |  | VP2 | 35.54 | 22.77 | 21.92 | 19.77 | 39.04 | 21.92 | 26.70 | 12.34 | 48.80 | 44.57 | 30.87 | 38.78 | 40.6 | 1.56 | -0.094 | 0.226 | 0.787 | 1.870 |
| 456 | KJ684072.1 | NS1 | 29.79 | 21.56 | 28.80 | 19.84 | 28.59 | 18.91 | 38.44 | 14.06 | 52.81 | 38.44 | 30.41 | 38.02 | 46.4 | 1.499 | -0.151 | 0.128 | 0.689 | 1.592 |
| 457 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.73 | 44.55 | 39.32 | 41.48 | 48.9 | 1.525 | -0.049 | 0.211 | 0.638 | 2.096 |
| 458 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 37.95 | 20.09 | 29.32 | 12.65 | 48.81 | 44.05 | 29.64 | 38.03 | 41.9 | 1.501 | -0.105 | 0.192 | 0.769 | 1.763 |
| 459 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 460 | KJ684070.1 | NS1 | 29.84 | 21.67 | 28.70 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.81 | 38.44 | 30.57 | 38.10 | 46.6 | 1.499 | -0.148 | 0.126 | 0.689 | 1.592 |
| 461 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 462 | KJ684069.1 | NS1 | 29.74 | 21.67 | 28.70 | 19.90 | 28.59 | 19.06 | 38.28 | 14.06 | 52.97 | 38.59 | 30.57 | 38.18 | 46.7 | 1.498 | -0.151 | 0.127 | 0.679 | 1.570 |
| 463 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 464 |  | VP1 | 35.47 | 21.92 | 22.72 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.503 | -0.107 | 0.192 | 0.768 | 1.761 |
| 465 |  | VP2 | 35.24 | 22.59 | 22.22 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.543 | -0.092 | 0.21 | 0.779 | 1.852 |
| 466 | KJ684068.1 | NS1 | 29.84 | 21.72 | 28.65 | 19.79 | 28.59 | 19.22 | 38.13 | 14.06 | 52.81 | 38.44 | 30.73 | 38.18 | 46.9 | 1.487 | -0.147 | 0.123 | 0.675 | 1.559 |
| 467 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.55 | 20.91 | 27.73 | 21.82 | 42.73 | 45.00 | 39.61 | 41.74 | 46.9 | 1.525 | -0.026 | 0.213 | 0.654 | 2.147 |
| 468 |  | VP1 | 35.62 | 21.97 | 22.57 | 19.84 | 37.95 | 20.09 | 29.32 | 12.65 | 48.66 | 44.05 | 29.75 | 38.05 | 42.1 | 1.499 | -0.106 | 0.19 | 0.763 | 1.750 |
| 469 |  | VP2 | 35.42 | 22.65 | 22.04 | 19.89 | 38.49 | 21.36 | 27.26 | 12.89 | 48.43 | 44.94 | 31.01 | 38.85 | 41.1 | 1.538 | -0.091 | 0.208 | 0.774 | 1.839 |
| 470 | KJ684067.1 | NS1 | 29.79 | 21.72 | 28.65 | 19.84 | 28.59 | 19.22 | 38.13 | 14.06 | 52.97 | 38.44 | 30.73 | 38.22 | 46.7 | 1.492 | -0.147 | 0.126 | 0.686 | 1.586 |
| 471 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.00 | 20.91 | 27.73 | 21.36 | 41.82 | 45.00 | 38.83 | 41.12 | 47.5 | 1.54 | -0.024 | 0.209 | 0.652 | 2.142 |
| 472 | KJ684066.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 473 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 474 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.9 | 1.514 | -0.11 | 0.195 | 0.769 | 1.764 |
| 475 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 40.9 | 1.558 | -0.096 | 0.213 | 0.782 | 1.859 |
| 476 | KJ684065.1 | NS1 | 29.84 | 21.67 | 28.70 | 19.79 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.75 | 30.41 | 38.05 | 46.9 | 1.491 | -0.15 | 0.126 | 0.685 | 1.582 |
| 477 |  | NP1 | 35.91 | 20.30 | 20.61 | 23.18 | 29.55 | 21.36 | 27.27 | 21.82 | 42.27 | 45.00 | 39.81 | 41.72 | 48.3 | 1.511 | -0.024 | 0.204 | 0.636 | 2.087 |
| 478 |  | VP1 | 35.62 | 21.97 | 22.57 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 49.11 | 43.90 | 29.33 | 37.92 | 41.7 | 1.514 | -0.11 | 0.197 | 0.774 | 1.776 |
| 479 |  | VP2 | 35.36 | 22.65 | 22.04 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.99 | 44.75 | 30.68 | 38.77 | 40.7 | 1.554 | -0.093 | 0.214 | 0.787 | 1.869 |
| 480 | FJ695472.1 | NS1 | 30.05 | 21.51 | 28.80 | 19.64 | 29.22 | 18.91 | 38.28 | 13.59 | 52.50 | 38.44 | 29.92 | 37.69 | 46 | 1.515 | -0.158 | 0.134 | 0.702 | 1.623 |
| 481 |  | NP | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 482 |  | VP1 | 35.71 | 21.78 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.66 | 43.90 | 29.17 | 37.73 | 42 | 1.499 | -0.115 | 0.192 | 0.765 | 1.754 |
| 483 |  | VP2 | 35.48 | 22.41 | 22.16 | 19.95 | 38.67 | 20.99 | 27.44 | 12.89 | 48.43 | 44.75 | 30.49 | 38.54 | 41.2 | 1.535 | -0.099 | 0.205 | 0.773 | 1.836 |
| 484 | KC823115.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 485 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 486 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.505 | -0.105 | 0.191 | 0.767 | 1.760 |
| 487 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.546 | -0.09 | 0.209 | 0.781 | 1.855 |
| 488 | JN632519.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 489 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 490 |  | VP1 | 35.62 | 21.88 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.513 | -0.11 | 0.19 | 0.766 | 1.758 |
| 491 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41.1 | 1.556 | -0.096 | 0.207 | 0.777 | 1.847 |
| 492 | JN632518.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 493 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 494 |  | VP1 | 35.62 | 21.88 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.513 | -0.11 | 0.19 | 0.766 | 1.758 |
| 495 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41.1 | 1.556 | -0.096 | 0.207 | 0.777 | 1.847 |
| 496 | JN632517.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 497 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 498 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.511 | -0.105 | 0.192 | 0.768 | 1.762 |
| 499 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.553 | -0.09 | 0.21 | 0.780 | 1.853 |
| 500 | JN632516.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 501 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 502 |  | VP1 | 35.62 | 21.88 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.513 | -0.11 | 0.19 | 0.766 | 1.758 |
| 503 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41.1 | 1.556 | -0.096 | 0.207 | 0.777 | 1.847 |
| 504 | JN632515.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 505 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 506 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.511 | -0.105 | 0.192 | 0.768 | 1.762 |
| 507 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.553 | -0.09 | 0.21 | 0.780 | 1.853 |
| 508 | JN632514.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 509 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 510 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.511 | -0.105 | 0.192 | 0.768 | 1.762 |
| 511 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.553 | -0.09 | 0.21 | 0.780 | 1.853 |
| 512 | JN632513.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 513 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 514 |  | VP1 | 35.62 | 21.88 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.96 | 43.90 | 29.17 | 37.80 | 42 | 1.513 | -0.11 | 0.19 | 0.766 | 1.758 |
| 515 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41.1 | 1.556 | -0.096 | 0.207 | 0.777 | 1.847 |
| 516 | JN632512.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 517 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 518 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.511 | -0.105 | 0.192 | 0.768 | 1.762 |
| 519 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.553 | -0.09 | 0.21 | 0.780 | 1.853 |
| 520 | JN632511.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 521 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 522 |  | VP1 | 35.62 | 21.88 | 22.67 | 19.84 | 38.24 | 19.79 | 29.46 | 12.50 | 48.96 | 43.90 | 29.17 | 37.80 | 41.9 | 1.517 | -0.11 | 0.194 | 0.769 | 1.765 |
| 523 |  | VP2 | 35.42 | 22.53 | 22.16 | 19.89 | 38.86 | 20.99 | 27.44 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 41 | 1.558 | -0.096 | 0.211 | 0.780 | 1.854 |
| 524 | JN794566.1 | NS1 | 30.00 | 21.51 | 28.85 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.34 | 38.44 | 30.08 | 37.74 | 46.5 | 1.509 | -0.16 | 0.133 | 0.693 | 1.600 |
| 525 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 526 |  | VP1 | 35.66 | 22.12 | 22.37 | 19.84 | 38.10 | 20.54 | 28.72 | 12.65 | 48.81 | 43.90 | 30.22 | 38.29 | 42.5 | 1.495 | -0.108 | 0.193 | 0.746 | 1.712 |
| 527 |  | VP2 | 35.42 | 22.77 | 21.85 | 19.95 | 38.67 | 21.92 | 26.52 | 12.89 | 48.80 | 44.57 | 31.59 | 39.14 | 41.7 | 1.527 | -0.094 | 0.216 | 0.747 | 1.775 |
| 528 | JN794565.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.75 | 19.06 | 38.28 | 13.91 | 52.50 | 38.44 | 30.41 | 37.94 | 46.6 | 1.506 | -0.151 | 0.126 | 0.691 | 1.597 |
| 529 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 530 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.508 | -0.108 | 0.196 | 0.770 | 1.767 |
| 531 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.9 | 1.55 | -0.093 | 0.215 | 0.783 | 1.862 |
| 532 | JN387085.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 533 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 534 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 38.10 | 20.24 | 29.17 | 12.50 | 48.96 | 43.90 | 29.64 | 38.03 | 42.6 | 1.494 | -0.105 | 0.177 | 0.756 | 1.735 |
| 535 |  | VP2 | 35.36 | 22.71 | 22.04 | 19.89 | 38.67 | 21.55 | 27.07 | 12.71 | 48.80 | 44.75 | 30.87 | 38.83 | 41.8 | 1.534 | -0.09 | 0.193 | 0.768 | 1.824 |
| 536 | JN387084.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 47 | 1.497 | -0.151 | 0.125 | 0.687 | 1.587 |
| 537 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 538 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.5 | 1.519 | -0.105 | 0.197 | 0.779 | 1.787 |
| 539 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 40.4 | 1.564 | -0.09 | 0.216 | 0.793 | 1.885 |
| 540 | JN387083.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 541 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 542 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 543 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 544 | JN387082.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 545 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 546 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 547 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 548 | JN387081.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 549 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 550 |  | VP1 | 35.62 | 21.88 | 22.72 | 19.79 | 38.10 | 19.79 | 29.61 | 12.50 | 48.96 | 43.75 | 29.17 | 37.76 | 41.8 | 1.507 | -0.116 | 0.201 | 0.766 | 1.758 |
| 551 |  | VP2 | 35.36 | 22.53 | 22.22 | 19.89 | 38.67 | 20.99 | 27.62 | 12.71 | 48.80 | 44.75 | 30.29 | 38.53 | 40.8 | 1.553 | -0.099 | 0.218 | 0.782 | 1.857 |
| 552 | JN387080.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 553 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 554 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 555 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 556 | JN387079.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 557 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 558 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.514 | -0.112 | 0.193 | 0.759 | 1.740 |
| 559 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 41.2 | 1.555 | -0.099 | 0.21 | 0.770 | 1.830 |
| 560 | JF699044.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 561 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 48 | 1.526 | -0.032 | 0.208 | 0.648 | 2.128 |
| 562 |  | VP1 | 35.42 | 21.92 | 22.72 | 19.94 | 37.65 | 20.09 | 29.46 | 12.80 | 48.81 | 43.90 | 29.80 | 38.08 | 42.4 | 1.488 | -0.108 | 0.181 | 0.758 | 1.739 |
| 563 |  | VP2 | 35.17 | 22.59 | 22.22 | 20.01 | 38.12 | 21.36 | 27.44 | 13.08 | 48.62 | 44.75 | 31.07 | 38.88 | 41.5 | 1.526 | -0.093 | 0.198 | 0.769 | 1.827 |
| 564 | JF327789.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 565 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 566 |  | VP1 | 35.57 | 21.83 | 22.67 | 19.94 | 37.95 | 19.79 | 29.46 | 12.80 | 48.81 | 43.90 | 29.49 | 37.92 | 42.2 | 1.491 | -0.11 | 0.187 | 0.760 | 1.743 |
| 567 |  | VP2 | 35.36 | 22.47 | 22.16 | 20.01 | 38.49 | 20.99 | 27.44 | 13.08 | 48.62 | 44.75 | 30.68 | 38.68 | 41.3 | 1.531 | -0.096 | 0.204 | 0.772 | 1.833 |
| 568 | JF327788.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 569 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 570 |  | VP1 | 35.57 | 22.07 | 22.52 | 19.84 | 38.10 | 20.24 | 29.17 | 12.50 | 48.96 | 44.05 | 29.64 | 38.07 | 41.8 | 1.513 | -0.105 | 0.192 | 0.779 | 1.786 |
| 571 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.551 | -0.093 | 0.217 | 0.785 | 1.866 |
| 572 | JF327787.1 | NS1 | 30.00 | 21.51 | 28.85 | 19.64 | 29.06 | 18.91 | 38.44 | 13.59 | 52.50 | 38.44 | 29.92 | 37.69 | 46.3 | 1.515 | -0.156 | 0.135 | 0.696 | 1.608 |
| 573 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 574 |  | VP1 | 35.57 | 21.83 | 22.67 | 19.94 | 37.95 | 19.79 | 29.46 | 12.80 | 48.81 | 43.90 | 29.49 | 37.92 | 42.2 | 1.491 | -0.11 | 0.187 | 0.760 | 1.743 |
| 575 |  | VP2 | 35.36 | 22.47 | 22.16 | 20.01 | 38.49 | 20.99 | 27.44 | 13.08 | 48.62 | 44.75 | 30.68 | 38.68 | 41.3 | 1.531 | -0.096 | 0.204 | 0.772 | 1.833 |
| 576 | JF327786.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 577 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.7 | 1.533 | -0.039 | 0.214 | 0.649 | 2.132 |
| 578 |  | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.505 | -0.105 | 0.192 | 0.768 | 1.761 |
| 579 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.547 | -0.09 | 0.21 | 0.781 | 1.855 |
| 580 | HQ585888.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 581 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 582 |  | VP1 | 35.57 | 21.83 | 22.67 | 19.94 | 37.95 | 19.79 | 29.46 | 12.80 | 48.81 | 43.90 | 29.49 | 37.92 | 42.2 | 1.491 | -0.11 | 0.187 | 0.760 | 1.743 |
| 583 |  | VP2 | 35.36 | 22.47 | 22.16 | 20.01 | 38.49 | 20.99 | 27.44 | 13.08 | 48.62 | 44.75 | 30.68 | 38.68 | 41.3 | 1.531 | -0.096 | 0.204 | 0.772 | 1.833 |
| 584 | FJ858259.1 | NS1 | 29.84 | 21.56 | 28.80 | 19.79 | 28.59 | 18.91 | 38.44 | 14.06 | 52.66 | 38.44 | 30.41 | 37.98 | 46.5 | 1.499 | -0.151 | 0.128 | 0.690 | 1.593 |
| 585 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 586 |  | VP1 | 35.62 | 22.02 | 22.62 | 19.74 | 38.10 | 20.24 | 29.32 | 12.35 | 48.81 | 43.90 | 29.49 | 37.92 | 41.8 | 1.509 | -0.108 | 0.197 | 0.770 | 1.765 |
| 587 |  | VP2 | 35.42 | 22.71 | 22.10 | 19.77 | 38.67 | 21.55 | 27.26 | 12.52 | 48.62 | 44.75 | 30.68 | 38.68 | 40.9 | 1.551 | -0.093 | 0.216 | 0.781 | 1.857 |
| 588 |  | ORFX | 31.68 | 20.94 | 28.10 | 19.28 | 27.27 | 21.49 | 16.53 | 34.71 | 37.19 | 27.27 | 51.85 | 42.04 | 37.8 | 1.464 | 0.176 | 0.367 | 0.687 | 4.749 |
| 589 | GQ925675.1 | NS1 | 30.18 | 22.29 | 26.47 | 21.06 | 29.28 | 19.57 | 34.65 | 16.50 | 53.96 | 40.03 | 33.77 | 40.38 | 50.1 | 1.388 | -0.117 | 0.09 | 0.641 | 1.440 |
| 590 |  | NS2 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.7 | 1.497 | -0.149 | 0.127 | 0.688 | 1.588 |
| 591 |  | NP1 | 35.91 | 20.00 | 20.91 | 23.18 | 29.55 | 20.45 | 28.18 | 21.82 | 42.27 | 45.00 | 38.83 | 41.24 | 47.9 | 1.529 | -0.039 | 0.208 | 0.646 | 2.121 |
| 592 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.75 | 29.49 | 37.92 | 41.9 | 1.511 | -0.109 | 0.193 | 0.768 | 1.762 |
| 593 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.57 | 30.68 | 38.68 | 40.9 | 1.553 | -0.094 | 0.212 | 0.780 | 1.854 |
| 594 | FJ496754.1 | NS1 | 29.90 | 21.56 | 28.80 | 19.74 | 28.75 | 18.91 | 38.44 | 13.91 | 52.66 | 38.44 | 30.24 | 37.90 | 46.4 | 1.507 | -0.151 | 0.129 | 0.694 | 1.605 |
| 595 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 596 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.512 | -0.108 | 0.192 | 0.768 | 1.762 |
| 597 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 40.9 | 1.556 | -0.093 | 0.21 | 0.782 | 1.859 |
| 598 | EF450740.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.509 | -0.149 | 0.127 | 0.693 | 1.602 |
| 599 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 44.55 | 39.81 | 41.61 | 48 | 1.524 | -0.027 | 0.206 | 0.650 | 2.136 |
| 600 |  | VP1 | 35.52 | 21.88 | 22.72 | 19.89 | 37.95 | 19.79 | 29.61 | 12.65 | 48.96 | 43.90 | 29.33 | 37.88 | 42.2 | 1.506 | -0.112 | 0.189 | 0.754 | 1.730 |
| 601 |  | VP2 | 35.30 | 22.53 | 22.22 | 19.95 | 38.49 | 20.99 | 27.62 | 12.89 | 48.80 | 44.75 | 30.49 | 38.63 | 41.4 | 1.544 | -0.099 | 0.205 | 0.762 | 1.811 |
| 602 | EF450739.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 603 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.534 | -0.032 | 0.209 | 0.647 | 2.125 |
| 604 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 605 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 606 | EF450738.1 | NS1 | 29.90 | 21.56 | 28.80 | 19.74 | 28.75 | 18.91 | 38.44 | 13.91 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.502 | -0.154 | 0.132 | 0.691 | 1.595 |
| 607 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 608 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 609 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 610 | EF450737.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 611 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 612 |  | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.196 | 0.773 | 1.773 |
| 613 |  | VP2 | 35.42 | 22.59 | 22.10 | 19.89 | 38.86 | 21.18 | 27.26 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.557 | -0.096 | 0.217 | 0.787 | 1.870 |
| 614 | EF450736.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 615 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 616 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.509 | -0.108 | 0.193 | 0.771 | 1.767 |
| 617 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.555 | -0.093 | 0.213 | 0.787 | 1.870 |
| 618 | EF450735.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 619 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 620 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 621 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 622 | EF450734.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 623 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 624 |  | VP1 | 35.57 | 21.92 | 22.62 | 19.89 | 38.10 | 19.94 | 29.32 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 41.8 | 1.509 | -0.108 | 0.193 | 0.771 | 1.767 |
| 625 |  | VP2 | 35.36 | 22.59 | 22.10 | 19.95 | 38.67 | 21.18 | 27.26 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.555 | -0.093 | 0.213 | 0.787 | 1.870 |
| 626 | EF450733.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 627 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 628 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 629 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 630 | EF450732.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 631 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 632 |  | VP1 | 35.52 | 22.02 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 48.96 | 43.90 | 29.80 | 38.11 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.762 |
| 633 |  | VP2 | 35.30 | 22.71 | 22.04 | 19.95 | 38.49 | 21.55 | 27.07 | 12.89 | 48.80 | 44.75 | 31.07 | 38.92 | 41 | 1.545 | -0.09 | 0.21 | 0.781 | 1.857 |
| 634 | EF450731.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.151 | 0.128 | 0.687 | 1.588 |
| 635 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 636 |  | VP1 | 35.47 | 22.07 | 22.57 | 19.89 | 37.95 | 20.24 | 29.17 | 12.65 | 49.11 | 43.90 | 29.80 | 38.15 | 42.3 | 1.495 | -0.1 | 0.182 | 0.764 | 1.752 |
| 637 |  | VP2 | 35.24 | 22.77 | 22.04 | 19.95 | 38.49 | 21.55 | 27.07 | 12.89 | 48.99 | 44.75 | 31.07 | 38.97 | 41.4 | 1.535 | -0.084 | 0.2 | 0.774 | 1.840 |
| 638 | EF450730.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 639 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 640 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.9 | 1.511 | -0.112 | 0.194 | 0.769 | 1.763 |
| 641 |  | VP2 | 35.42 | 22.59 | 22.16 | 19.83 | 38.86 | 21.18 | 27.44 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.9 | 1.553 | -0.099 | 0.212 | 0.781 | 1.856 |
| 642 | EF450729.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 643 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 644 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 19.94 | 29.46 | 12.35 | 48.96 | 43.90 | 29.17 | 37.80 | 41.9 | 1.511 | -0.112 | 0.194 | 0.769 | 1.763 |
| 645 |  | VP2 | 35.42 | 22.59 | 22.16 | 19.83 | 38.86 | 21.18 | 27.44 | 12.52 | 48.80 | 44.75 | 30.29 | 38.53 | 40.9 | 1.553 | -0.099 | 0.212 | 0.781 | 1.856 |
| 646 | EF450728.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 647 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 648 |  | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.196 | 0.773 | 1.773 |
| 649 |  | VP2 | 35.42 | 22.59 | 22.10 | 19.89 | 38.86 | 21.18 | 27.26 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.557 | -0.096 | 0.217 | 0.787 | 1.870 |
| 650 | EF450727.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.6 | 1.498 | -0.149 | 0.127 | 0.688 | 1.589 |
| 651 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.55 | 38.83 | 41.12 | 47.8 | 1.553 | -0.042 | 0.209 | 0.653 | 2.144 |
| 652 |  | VP1 | 35.76 | 21.97 | 22.62 | 19.64 | 38.69 | 20.09 | 29.32 | 11.90 | 48.96 | 43.90 | 28.86 | 37.64 | 41.6 | 1.531 | -0.117 | 0.202 | 0.775 | 1.777 |
| 653 |  | VP2 | 35.60 | 22.65 | 22.10 | 19.64 | 39.41 | 21.36 | 27.26 | 11.97 | 48.80 | 44.75 | 29.90 | 38.34 | 40.6 | 1.579 | -0.105 | 0.223 | 0.791 | 1.879 |
| 654 | EF450726.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 655 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 47.8 | 1.531 | -0.034 | 0.209 | 0.653 | 2.145 |
| 656 |  | VP1 | 35.42 | 21.97 | 22.67 | 19.94 | 37.80 | 20.09 | 29.32 | 12.80 | 48.96 | 43.90 | 29.80 | 38.11 | 42 | 1.497 | -0.102 | 0.19 | 0.766 | 1.756 |
| 657 |  | VP2 | 35.17 | 22.65 | 22.16 | 20.01 | 38.31 | 21.36 | 27.26 | 13.08 | 48.80 | 44.75 | 31.07 | 38.92 | 41.1 | 1.537 | -0.087 | 0.208 | 0.779 | 1.850 |
| 658 | EF450725.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 659 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 660 |  | VP1 | 35.62 | 21.92 | 22.62 | 19.84 | 38.24 | 19.94 | 29.32 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.196 | 0.773 | 1.773 |
| 661 |  | VP2 | 35.42 | 22.59 | 22.10 | 19.89 | 38.86 | 21.18 | 27.26 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.557 | -0.096 | 0.217 | 0.787 | 1.870 |
| 662 | EF450724.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 18.91 | 38.44 | 13.59 | 52.66 | 38.44 | 29.92 | 37.73 | 46 | 1.514 | -0.151 | 0.13 | 0.697 | 1.610 |
| 663 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 664 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 665 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 666 | EF450723.1 | NS1 | 29.90 | 21.51 | 28.85 | 19.74 | 28.75 | 18.75 | 38.59 | 13.91 | 52.66 | 38.44 | 30.08 | 37.81 | 46.6 | 1.502 | -0.154 | 0.125 | 0.690 | 1.594 |
| 667 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.55 | 38.83 | 41.12 | 47.7 | 1.548 | -0.042 | 0.214 | 0.656 | 2.155 |
| 668 |  | VP1 | 35.47 | 22.12 | 22.57 | 19.84 | 37.80 | 20.24 | 29.32 | 12.65 | 48.96 | 44.05 | 29.80 | 38.15 | 42 | 1.5 | -0.105 | 0.181 | 0.775 | 1.778 |
| 669 |  | VP2 | 35.17 | 22.77 | 22.10 | 19.95 | 38.31 | 21.55 | 27.26 | 12.89 | 48.99 | 44.75 | 31.07 | 38.97 | 41.2 | 1.53 | -0.09 | 0.197 | 0.774 | 1.839 |
| 670 | EF450722.1 | NS1 | 29.84 | 21.56 | 28.80 | 19.79 | 28.59 | 18.91 | 38.44 | 14.06 | 52.66 | 38.44 | 30.41 | 37.98 | 46.5 | 1.499 | -0.151 | 0.13 | 0.689 | 1.593 |
| 671 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 672 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 673 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 674 | EF450721.1 | NS1 | 30.16 | 21.56 | 28.80 | 19.48 | 29.53 | 19.06 | 38.28 | 13.13 | 52.50 | 38.44 | 29.59 | 37.53 | 46.1 | 1.522 | -0.161 | 0.14 | 0.701 | 1.619 |
| 675 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 676 |  | VP1 | 35.42 | 21.92 | 22.72 | 19.94 | 37.65 | 19.94 | 29.61 | 12.80 | 48.96 | 43.90 | 29.64 | 38.03 | 41.6 | 1.504 | -0.098 | 0.194 | 0.775 | 1.777 |
| 677 |  | VP2 | 35.17 | 22.59 | 22.22 | 20.01 | 38.12 | 21.18 | 27.62 | 13.08 | 48.80 | 44.75 | 30.87 | 38.83 | 40.5 | 1.546 | -0.081 | 0.213 | 0.787 | 1.869 |
| 678 | EF450720.1 | NS1 | 30.16 | 21.51 | 28.80 | 19.53 | 29.38 | 19.06 | 38.28 | 13.28 | 52.34 | 38.44 | 29.76 | 37.57 | 45.9 | 1.516 | -0.159 | 0.137 | 0.701 | 1.620 |
| 679 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 680 |  | VP1 | 35.47 | 22.07 | 22.62 | 19.84 | 37.80 | 20.09 | 29.46 | 12.65 | 48.96 | 44.05 | 29.64 | 38.07 | 41.8 | 1.508 | -0.103 | 0.194 | 0.781 | 1.792 |
| 681 |  | VP2 | 35.24 | 22.71 | 22.16 | 19.89 | 38.31 | 21.36 | 27.44 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 40.9 | 1.541 | -0.087 | 0.213 | 0.784 | 1.864 |
| 682 | EF450719.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 683 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 684 |  | VP1 | 35.57 | 22.02 | 22.57 | 19.84 | 37.95 | 20.24 | 29.17 | 12.65 | 48.81 | 43.90 | 29.80 | 38.08 | 41.9 | 1.504 | -0.105 | 0.192 | 0.769 | 1.763 |
| 685 |  | VP2 | 35.36 | 22.71 | 22.04 | 19.89 | 38.49 | 21.55 | 27.07 | 12.89 | 48.62 | 44.75 | 31.07 | 38.88 | 41 | 1.545 | -0.09 | 0.21 | 0.781 | 1.857 |
| 686 | EF450718.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 687 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 44.55 | 39.32 | 41.36 | 48.2 | 1.517 | -0.042 | 0.208 | 0.639 | 2.098 |
| 688 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.515 | -0.108 | 0.194 | 0.772 | 1.771 |
| 689 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.56 | -0.093 | 0.213 | 0.787 | 1.870 |
| 690 | EF450717.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 691 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.534 | -0.032 | 0.209 | 0.647 | 2.125 |
| 692 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 693 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 694 | DQ988934.2 | NS1 | 30.00 | 21.61 | 28.75 | 19.64 | 28.75 | 19.06 | 38.28 | 13.91 | 52.34 | 38.44 | 30.41 | 37.90 | 46.6 | 1.499 | -0.151 | 0.128 | 0.689 | 1.592 |
| 695 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 696 |  | VP1 | 35.62 | 21.92 | 22.67 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.66 | 44.05 | 29.33 | 37.84 | 42 | 1.514 | -0.115 | 0.196 | 0.767 | 1.760 |
| 697 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.62 | 44.94 | 30.68 | 38.73 | 41.1 | 1.551 | -0.097 | 0.211 | 0.779 | 1.851 |
| 698 | EU984245.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.3 | 1.509 | -0.151 | 0.128 | 0.699 | 1.616 |
| 699 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 700 |  | VP1 | 35.66 | 21.83 | 22.62 | 19.89 | 38.24 | 19.64 | 29.46 | 12.65 | 48.96 | 43.90 | 29.17 | 37.80 | 41.5 | 1.515 | -0.11 | 0.195 | 0.768 | 1.762 |
| 701 |  | VP2 | 35.48 | 22.47 | 22.10 | 19.95 | 38.86 | 20.81 | 27.44 | 12.89 | 48.80 | 44.75 | 30.29 | 38.53 | 40.4 | 1.563 | -0.096 | 0.217 | 0.783 | 1.861 |
| 702 | EU984244.1 | NS1 | 30.16 | 21.56 | 28.80 | 19.48 | 29.38 | 19.06 | 38.28 | 13.28 | 52.34 | 38.44 | 29.76 | 37.57 | 46.2 | 1.515 | -0.159 | 0.138 | 0.697 | 1.611 |
| 703 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 704 |  | VP1 | 35.66 | 21.83 | 22.67 | 19.84 | 37.95 | 19.79 | 29.46 | 12.80 | 48.66 | 43.75 | 29.49 | 37.85 | 41.9 | 1.494 | -0.109 | 0.186 | 0.765 | 1.754 |
| 705 |  | VP2 | 35.42 | 22.47 | 22.16 | 19.95 | 38.49 | 20.99 | 27.44 | 13.08 | 48.43 | 44.75 | 30.68 | 38.64 | 40.7 | 1.541 | -0.09 | 0.205 | 0.781 | 1.857 |
| 706 | EU984243.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.2 | 1.502 | -0.146 | 0.128 | 0.693 | 1.601 |
| 707 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 708 |  | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 42 | 1.502 | -0.108 | 0.188 | 0.765 | 1.755 |
| 709 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41.1 | 1.542 | -0.093 | 0.206 | 0.777 | 1.847 |
| 710 | EU984241.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 711 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 712 |  | VP1 | 35.71 | 21.83 | 22.62 | 19.84 | 38.39 | 19.64 | 29.46 | 12.50 | 48.96 | 43.90 | 29.02 | 37.72 | 41.5 | 1.521 | -0.113 | 0.195 | 0.768 | 1.762 |
| 713 |  | VP2 | 35.54 | 22.47 | 22.10 | 19.89 | 39.04 | 20.81 | 27.44 | 12.71 | 48.80 | 44.75 | 30.10 | 38.44 | 40.3 | 1.57 | -0.099 | 0.217 | 0.784 | 1.864 |
| 714 | EU984242.1 | NS1 | 30.00 | 21.61 | 28.75 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.66 | 38.44 | 30.08 | 37.81 | 46.3 | 1.519 | -0.154 | 0.128 | 0.703 | 1.625 |
| 715 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 716 |  | VP1 | 35.66 | 21.83 | 22.62 | 19.89 | 38.24 | 19.64 | 29.46 | 12.65 | 48.96 | 43.90 | 29.17 | 37.80 | 41.5 | 1.515 | -0.11 | 0.195 | 0.768 | 1.762 |
| 717 |  | VP2 | 35.48 | 22.47 | 22.10 | 19.95 | 38.86 | 20.81 | 27.44 | 12.89 | 48.80 | 44.75 | 30.29 | 38.53 | 40.4 | 1.563 | -0.096 | 0.217 | 0.783 | 1.861 |
| 718 | EU984240.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 719 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 720 |  | VP1 | 35.71 | 21.83 | 22.62 | 19.84 | 38.39 | 19.64 | 29.46 | 12.50 | 48.96 | 43.90 | 29.02 | 37.72 | 41.5 | 1.521 | -0.113 | 0.195 | 0.768 | 1.762 |
| 721 |  | VP2 | 35.54 | 22.47 | 22.10 | 19.89 | 39.04 | 20.81 | 27.44 | 12.71 | 48.80 | 44.75 | 30.10 | 38.44 | 40.3 | 1.57 | -0.099 | 0.217 | 0.784 | 1.864 |
| 722 | EU984239.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 723 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 724 |  | VP1 | 35.66 | 21.83 | 22.62 | 19.89 | 38.24 | 19.64 | 29.46 | 12.65 | 48.96 | 43.90 | 29.17 | 37.80 | 41.5 | 1.515 | -0.11 | 0.195 | 0.768 | 1.762 |
| 725 |  | VP2 | 35.48 | 22.47 | 22.10 | 19.95 | 38.86 | 20.81 | 27.44 | 12.89 | 48.80 | 44.75 | 30.29 | 38.53 | 40.4 | 1.563 | -0.096 | 0.217 | 0.783 | 1.861 |
| 726 | EU984238.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 727 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 728 |  | VP1 | 35.52 | 21.92 | 22.67 | 19.89 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.90 | 29.49 | 37.96 | 42 | 1.502 | -0.108 | 0.188 | 0.765 | 1.755 |
| 729 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 41.1 | 1.542 | -0.093 | 0.206 | 0.777 | 1.847 |
| 730 | EU984237.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 731 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 732 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 733 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 734 | EU984236.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 735 |  | NP1 | 35.76 | 20.00 | 20.91 | 23.33 | 29.09 | 20.45 | 28.18 | 22.27 | 42.27 | 45.00 | 39.32 | 41.48 | 47.7 | 1.523 | -0.032 | 0.213 | 0.646 | 2.123 |
| 736 |  | VP1 | 35.66 | 21.83 | 22.62 | 19.89 | 38.24 | 19.64 | 29.46 | 12.65 | 48.96 | 43.90 | 29.17 | 37.80 | 41.5 | 1.515 | -0.11 | 0.195 | 0.768 | 1.762 |
| 737 |  | VP2 | 35.48 | 22.47 | 22.10 | 19.95 | 38.86 | 20.81 | 27.44 | 12.89 | 48.80 | 44.75 | 30.29 | 38.53 | 40.4 | 1.563 | -0.096 | 0.217 | 0.783 | 1.861 |
| 738 | EU984235.1 | NS1 | 29.79 | 21.61 | 28.75 | 19.84 | 28.44 | 19.06 | 38.28 | 14.22 | 52.66 | 38.44 | 30.73 | 38.14 | 46.8 | 1.495 | -0.149 | 0.126 | 0.684 | 1.581 |
| 739 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 740 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42.1 | 1.506 | -0.112 | 0.19 | 0.755 | 1.732 |
| 741 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.2 | 1.546 | -0.099 | 0.206 | 0.765 | 1.818 |
| 742 | EU984234.1 | NS1 | 30.00 | 21.56 | 28.80 | 19.64 | 29.06 | 19.06 | 38.28 | 13.59 | 52.50 | 38.44 | 30.08 | 37.78 | 46.4 | 1.508 | -0.156 | 0.134 | 0.693 | 1.601 |
| 743 |  | NP1 | 35.76 | 20.15 | 20.76 | 23.33 | 29.09 | 20.91 | 27.73 | 22.27 | 42.27 | 45.00 | 39.81 | 41.72 | 48 | 1.517 | -0.024 | 0.204 | 0.644 | 2.114 |
| 744 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 38.10 | 19.94 | 29.46 | 12.50 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.507 | -0.11 | 0.19 | 0.766 | 1.757 |
| 745 |  | VP2 | 35.36 | 22.59 | 22.16 | 19.89 | 38.67 | 21.18 | 27.44 | 12.71 | 48.80 | 44.75 | 30.49 | 38.63 | 41.1 | 1.548 | -0.096 | 0.207 | 0.778 | 1.848 |
| 746 | EU984233.1 | NS1 | 30.05 | 21.61 | 28.70 | 19.64 | 29.22 | 19.06 | 38.13 | 13.59 | 52.66 | 38.44 | 30.08 | 37.81 | 46.3 | 1.505 | -0.151 | 0.127 | 0.692 | 1.598 |
| 747 |  | NP1 | 36.36 | 20.15 | 20.76 | 22.73 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.09 | 38.83 | 41.01 | 47.6 | 1.557 | -0.044 | 0.216 | 0.666 | 2.187 |
| 748 |  | VP1 | 35.71 | 22.02 | 22.52 | 19.74 | 38.54 | 20.24 | 29.02 | 12.20 | 48.96 | 43.90 | 29.33 | 37.88 | 42 | 1.522 | -0.118 | 0.191 | 0.772 | 1.771 |
| 749 |  | VP2 | 35.54 | 22.65 | 22.04 | 19.77 | 39.23 | 21.55 | 26.89 | 12.34 | 48.80 | 44.57 | 30.49 | 38.59 | 41.1 | 1.562 | -0.106 | 0.21 | 0.776 | 1.844 |
| 750 | EU984232.1 | NS1 | 29.95 | 21.61 | 28.75 | 19.69 | 28.91 | 19.06 | 38.28 | 13.75 | 52.66 | 38.44 | 30.24 | 37.90 | 46.5 | 1.507 | -0.151 | 0.131 | 0.694 | 1.602 |
| 751 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.8 | 1.541 | -0.039 | 0.213 | 0.650 | 2.134 |
| 752 |  | VP1 | 35.57 | 22.07 | 22.62 | 19.74 | 38.24 | 20.39 | 29.17 | 12.20 | 48.96 | 43.90 | 29.49 | 37.96 | 42.1 | 1.505 | -0.115 | 0.195 | 0.763 | 1.751 |
| 753 |  | VP2 | 35.30 | 22.77 | 22.10 | 19.83 | 38.67 | 21.73 | 27.07 | 12.52 | 48.80 | 44.75 | 30.87 | 38.83 | 41.3 | 1.54 | -0.099 | 0.209 | 0.770 | 1.830 |
| 754 | EU984231.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 755 |  | NP1 | 36.06 | 20.00 | 20.91 | 23.03 | 29.55 | 20.45 | 28.18 | 21.82 | 41.82 | 45.00 | 38.83 | 41.12 | 47.6 | 1.531 | -0.039 | 0.217 | 0.648 | 2.129 |
| 756 |  | VP1 | 35.66 | 21.83 | 22.62 | 19.89 | 38.24 | 19.64 | 29.46 | 12.65 | 48.96 | 43.90 | 29.17 | 37.80 | 41.5 | 1.515 | -0.11 | 0.195 | 0.768 | 1.762 |
| 757 |  | VP2 | 35.48 | 22.47 | 22.10 | 19.95 | 38.86 | 20.81 | 27.44 | 12.89 | 48.80 | 44.75 | 30.29 | 38.53 | 40.4 | 1.563 | -0.096 | 0.217 | 0.783 | 1.861 |
| 758 | EU262979.1 | NS1 | 30.00 | 21.56 | 28.75 | 19.69 | 29.22 | 18.91 | 38.28 | 13.59 | 52.81 | 38.44 | 29.92 | 37.77 | 46.6 | 1.504 | -0.156 | 0.129 | 0.690 | 1.594 |
| 759 |  | NP1 | 36.36 | 20.15 | 20.76 | 22.73 | 30.45 | 20.91 | 27.73 | 20.91 | 42.27 | 44.55 | 38.35 | 40.88 | 47.4 | 1.569 | -0.049 | 0.222 | 0.663 | 2.178 |
| 760 |  | VP1 | 35.66 | 22.07 | 22.47 | 19.79 | 38.39 | 20.39 | 28.87 | 12.35 | 48.96 | 43.90 | 29.64 | 38.03 | 42 | 1.509 | -0.115 | 0.194 | 0.773 | 1.773 |
| 761 |  | VP2 | 35.48 | 22.71 | 21.98 | 19.83 | 39.04 | 21.73 | 26.70 | 12.52 | 48.80 | 44.57 | 30.87 | 38.78 | 41.1 | 1.546 | -0.103 | 0.213 | 0.776 | 1.845 |
| 762 | EU262978.1 | NS1 | 30.10 | 21.56 | 28.80 | 19.53 | 29.38 | 19.06 | 38.28 | 13.28 | 52.50 | 38.44 | 29.76 | 37.61 | 46.3 | 1.518 | -0.159 | 0.136 | 0.697 | 1.611 |
| 763 |  | NP1 | 36.21 | 20.15 | 20.76 | 22.88 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.55 | 38.83 | 41.12 | 48 | 1.534 | -0.049 | 0.213 | 0.642 | 2.109 |
| 764 |  | VP1 | 35.37 | 22.12 | 22.62 | 19.89 | 37.65 | 20.24 | 29.46 | 12.65 | 49.11 | 44.05 | 29.80 | 38.19 | 41.7 | 1.506 | -0.103 | 0.191 | 0.778 | 1.785 |
| 765 |  | VP2 | 35.17 | 22.77 | 22.10 | 19.95 | 38.31 | 21.55 | 27.26 | 12.89 | 48.99 | 44.75 | 31.07 | 38.97 | 40.8 | 1.54 | -0.087 | 0.209 | 0.780 | 1.853 |
| 766 | DQ340570.1 | NS1 | 29.90 | 21.61 | 28.75 | 19.74 | 28.75 | 19.06 | 38.28 | 13.91 | 52.66 | 38.44 | 30.41 | 37.98 | 46.4 | 1.5 | -0.149 | 0.127 | 0.696 | 1.608 |
| 767 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 768 |  | VP1 | 35.52 | 21.97 | 22.62 | 19.89 | 37.95 | 20.09 | 29.32 | 12.65 | 48.96 | 43.90 | 29.64 | 38.03 | 41.9 | 1.504 | -0.105 | 0.192 | 0.768 | 1.761 |
| 769 |  | VP2 | 35.30 | 22.65 | 22.10 | 19.95 | 38.49 | 21.36 | 27.26 | 12.89 | 48.80 | 44.75 | 30.87 | 38.83 | 41 | 1.545 | -0.09 | 0.21 | 0.780 | 1.854 |
| 770 | MK034749.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 771 |  | NP1 | 36.36 | 20.15 | 20.76 | 22.73 | 30.00 | 20.91 | 27.73 | 21.36 | 41.82 | 44.55 | 38.83 | 41.01 | 47.3 | 1.552 | -0.027 | 0.212 | 0.665 | 2.182 |
| 772 |  | VP1 | 35.57 | 21.97 | 22.62 | 19.84 | 38.10 | 20.09 | 29.32 | 12.50 | 48.96 | 43.90 | 29.49 | 37.96 | 41.9 | 1.509 | -0.108 | 0.193 | 0.768 | 1.762 |
| 773 |  | VP2 | 35.36 | 22.65 | 22.10 | 19.89 | 38.67 | 21.36 | 27.26 | 12.71 | 48.80 | 44.75 | 30.68 | 38.73 | 41 | 1.551 | -0.093 | 0.211 | 0.781 | 1.856 |
| 774 |  | ORFX | 31.13 | 20.94 | 28.10 | 19.83 | 26.45 | 21.49 | 16.53 | 35.54 | 37.19 | 28.10 | 52.78 | 42.71 | 42.3 | 1.443 | 0.166 | 0.347 | 0.687 | 4.749 |
| 775 | MH121120.1 | NS1 | 29.84 | 21.61 | 28.75 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.66 | 38.44 | 30.57 | 38.06 | 46.6 | 1.496 | -0.149 | 0.126 | 0.688 | 1.589 |
| 776 |  | NP1 | 35.91 | 20.15 | 20.76 | 23.18 | 29.55 | 20.91 | 27.73 | 21.82 | 42.27 | 45.00 | 39.32 | 41.48 | 47.9 | 1.525 | -0.032 | 0.208 | 0.646 | 2.123 |
| 777 |  | VP1 | 35.57 | 21.92 | 22.67 | 19.84 | 37.95 | 19.94 | 29.46 | 12.65 | 48.96 | 43.75 | 29.49 | 37.92 | 41.8 | 1.507 | -0.108 | 0.198 | 0.771 | 1.767 |
| 778 |  | VP2 | 35.30 | 22.59 | 22.16 | 19.95 | 38.49 | 21.18 | 27.44 | 12.89 | 48.80 | 44.75 | 30.68 | 38.73 | 40.8 | 1.551 | -0.093 | 0.218 | 0.787 | 1.869 |
| 779 | MG383450.1 | NS1 | 29.54 | 22.20 | 28.19 | 20.07 | 29.95 | 20.75 | 35.88 | 13.42 | 54.60 | 38.07 | 31.77 | 39.05 | 48.6 | 1.465 | -0.114 | 0.136 | 0.660 | 1.524 |
| 780 |  | NP1 | 34.26 | 20.68 | 21.91 | 23.15 | 26.39 | 18.52 | 31.02 | 24.07 | 45.37 | 43.52 | 39.71 | 42.08 | 59.3 | 1.334 | -0.086 | 0.174 | 0.504 | 1.675 |
| 781 |  | VP1 | 36.83 | 20.51 | 23.30 | 19.36 | 41.47 | 19.61 | 29.64 | 9.28 | 47.75 | 42.96 | 25.24 | 35.30 | 41 | 1.623 | -0.145 | 0.219 | 0.838 | 1.924 |
| 782 |  | VP2 | 37.17 | 20.59 | 22.57 | 19.67 | 43.23 | 20.59 | 26.72 | 9.46 | 46.94 | 43.78 | 25.98 | 35.67 | 39.5 | 1.688 | -0.114 | 0.237 | 0.868 | 2.066 |
| 783 | MG383449.1 | NP1 | 35.91 | 20.30 | 20.76 | 23.03 | 29.09 | 21.36 | 27.73 | 21.82 | 42.27 | 44.55 | 39.81 | 41.61 | 47.9 | 1.525 | -0.027 | 0.206 | 0.650 | 2.134 |
| 784 |  | VP1 | 35.62 | 21.97 | 22.62 | 19.79 | 38.24 | 20.09 | 29.32 | 12.35 | 48.96 | 43.90 | 29.33 | 37.88 | 41.8 | 1.513 | -0.11 | 0.197 | 0.771 | 1.768 |
| 785 |  | VP2 | 35.42 | 22.65 | 22.10 | 19.83 | 38.86 | 21.36 | 27.26 | 12.52 | 48.80 | 44.75 | 30.49 | 38.63 | 40.8 | 1.556 | -0.096 | 0.216 | 0.784 | 1.863 |
| 786 | MG383447.1 | NS1 | 29.59 | 22.00 | 28.34 | 20.07 | 30.11 | 19.97 | 36.51 | 13.42 | 54.60 | 38.22 | 30.96 | 38.68 | 48.5 | 1.488 | -0.129 | 0.128 | 0.661 | 1.527 |
| 787 |  | NP1 | 33.95 | 20.52 | 21.91 | 23.61 | 25.00 | 18.98 | 30.56 | 25.46 | 44.44 | 43.52 | 41.67 | 42.82 | 57.3 | 1.346 | -0.048 | 0.177 | 0.528 | 1.756 |
| 788 |  | VP1 | 36.83 | 20.61 | 23.40 | 19.16 | 40.87 | 19.31 | 30.69 | 9.13 | 47.75 | 43.11 | 24.76 | 35.10 | 41 | 1.64 | -0.147 | 0.22 | 0.828 | 1.901 |
| 789 |  | VP2 | 37.35 | 20.90 | 22.45 | 19.29 | 43.23 | 20.59 | 27.46 | 8.72 | 47.31 | 43.97 | 25.20 | 35.42 | 39 | 1.735 | -0.123 | 0.257 | 0.881 | 2.096 |
| 790 | MG383446.1 | NS1 | 30.01 | 21.32 | 29.49 | 19.19 | 31.36 | 17.63 | 39.63 | 11.39 | 54.13 | 38.38 | 26.54 | 36.40 | 46.1 | 1.616 | -0.193 | 0.173 | 0.754 | 1.742 |
| 791 |  | NP1 | 34.73 | 19.22 | 22.95 | 23.10 | 24.65 | 17.21 | 33.95 | 24.19 | 43.26 | 42.33 | 38.42 | 40.61 | 56.8 | 1.326 | -0.087 | 0.18 | 0.536 | 1.785 |
| 792 |  | VP1 | 37.41 | 20.62 | 23.94 | 18.03 | 42.62 | 19.37 | 30.25 | 7.75 | 45.75 | 43.07 | 23.51 | 33.96 | 38.6 | 1.773 | -0.162 | 0.284 | 0.916 | 2.101 |
| 793 |  | VP2 | 38.01 | 20.91 | 23.12 | 17.96 | 45.20 | 20.48 | 26.94 | 7.38 | 44.83 | 43.91 | 23.83 | 34.10 | 36.2 | 1.915 | -0.138 | 0.339 | 0.989 | 2.352 |
| 794 | MF376170.1 | NS1 | 29.84 | 21.56 | 28.70 | 19.90 | 28.91 | 18.75 | 38.28 | 14.06 | 52.81 | 38.75 | 30.36 | 38.07 | 46.3 | 1.495 | -0.146 | 0.126 | 0.687 | 1.587 |
| 795 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.3 | 1.545 | -0.032 | 0.211 | 0.659 | 2.163 |
| 796 |  | VP1 | 35.47 | 22.02 | 22.57 | 19.94 | 37.95 | 20.24 | 29.17 | 12.65 | 49.11 | 43.90 | 29.80 | 38.15 | 42.1 | 1.499 | -0.108 | 0.191 | 0.765 | 1.755 |
| 797 |  | VP2 | 35.24 | 22.71 | 22.04 | 20.01 | 38.49 | 21.55 | 27.07 | 12.89 | 48.99 | 44.75 | 31.07 | 38.97 | 41.1 | 1.539 | -0.093 | 0.209 | 0.778 | 1.850 |
| 798 | MF376169.1 | NS1 | 29.79 | 21.61 | 28.65 | 19.95 | 28.59 | 19.06 | 38.13 | 14.22 | 52.81 | 38.59 | 30.84 | 38.27 | 46.7 | 1.489 | -0.145 | 0.124 | 0.686 | 1.585 |
| 799 |  | NP1 | 36.06 | 20.15 | 20.76 | 23.03 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 45.00 | 38.83 | 41.24 | 47.3 | 1.545 | -0.032 | 0.211 | 0.659 | 2.163 |
| 800 |  | VP1 | 35.52 | 21.97 | 22.57 | 19.94 | 37.95 | 20.09 | 29.17 | 12.80 | 48.81 | 44.05 | 29.80 | 38.11 | 42.1 | 1.5 | -0.104 | 0.193 | 0.767 | 1.760 |
| 801 |  | VP2 | 35.30 | 22.65 | 22.04 | 20.01 | 38.49 | 21.36 | 27.07 | 13.08 | 48.62 | 44.94 | 31.07 | 38.92 | 41.2 | 1.541 | -0.089 | 0.212 | 0.781 | 1.855 |
| 802 | MF376168.1 | NS1 | 29.84 | 21.56 | 28.80 | 19.79 | 28.59 | 19.06 | 38.28 | 14.06 | 52.50 | 38.44 | 30.57 | 38.02 | 46.5 | 1.497 | -0.149 | 0.126 | 0.688 | 1.590 |
| 803 |  | NP1 | 36.36 | 20.15 | 20.76 | 22.73 | 30.00 | 20.91 | 27.73 | 21.36 | 42.27 | 44.09 | 38.83 | 41.01 | 48 | 1.541 | -0.044 | 0.206 | 0.644 | 2.114 |
| 804 |  | VP1 | 35.37 | 22.02 | 22.67 | 19.94 | 37.50 | 19.94 | 29.61 | 12.95 | 48.96 | 44.05 | 29.80 | 38.15 | 42.5 | 1.482 | -0.108 | 0.184 | 0.739 | 1.695 |
| 805 |  | VP2 | 35.11 | 22.71 | 22.16 | 20.01 | 37.94 | 21.18 | 27.62 | 13.26 | 48.80 | 44.94 | 31.07 | 38.97 | 41.8 | 1.514 | -0.093 | 0.199 | 0.742 | 1.762 |
| AVERAGE | | | **34.40** | **21.58** | **23.49** | **20.53** | **34.34** | **20.25** | **30.53** | **14.88** | **48.19** | **43.01** | **32.00** | **38.80** | **44.05** | **1.525** | **-0.0989** | **0.189** | **0.729** | **1.857** |
| SD | | | **0.893** | **0.246** | **0.580** | **0.559** | **2.866** | **0.222** | **0.750** | **1.894** | **0.546** | **0.628** | **2.111** | **0.762** | **1.450** | **0.003** | **0.011** | **0.001** | **0.0610** | **0.314** |