

Figure S1. Hemagglutinin amino acid sequence alignment of B/Florida/06.

| | | | |
|----------------------------|-----|--|-----|
| B_Florida_4_06_parent_HA | 1 | MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATATQGEVNVTVGIPLTTTPTKSYFANLKGTRTRGKLCPCDCLNCTDLDV | 80 |
| B_Florida_4_06_p10_cell_HA | 1 | MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATATQGEVNVTVGIPLTTTPTKSYFANLKGTRTRGKLCPCDCLNCTDLDV | 80 |
| B_Florida_4_06_p10_egg_HA | 1 | MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATATQGEVNVTVGIPLTTTPTKSYFANLKGTRTRGKLCPCDCLNCTDLDV | 80 |
| B_Florida_4_06_p20_cell_HA | 1 | MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATATQGEVNVTVGIPLTTTPTKSYFANLKGTRTRGKLCPCDCLNCTDLDV | 80 |
| B_Florida_4_06_p20_egg_HA | 1 | MKAIIVLLMVVTSNADRICTGITSSNSPHVVKATATQGEVNVTVGIPLTTTPTKSYFANLKGTRTRGKLCPCDCLNCTDLDV | 80 |
| B_Florida_4_06_parent_HA | 81 | ALGRPMC VGTTTSAKASILHEVKPVTSGCFPIIMHRTKIRQLPNLLRGYENIRLSTQNVDAEAPGGPYRLGTSGSCPN | 160 |
| B_Florida_4_06_p10_cell_HA | 81 | ALGRPMC VGTTTSAKASILHEVKPVTSGCFPIIMHRTKIRQLPNLLRGYENIRLSTQNVDAEAPGGPYRLGTSGSCPN | 160 |
| B_Florida_4_06_p10_egg_HA | 81 | ALGRPMC VGTTTSAKASILHEVKPVTSGCFPIIMHRTKIRQLPNLLRGYENIRLSTQNVDAEAPGGPYRLGTSGSCPN | 160 |
| B_Florida_4_06_p20_cell_HA | 81 | ALGRPMC VGTTTSAKASILHEVKPVTSGCFPIIMHRTKIRQLPNLLRGYENIRLSTQNVDAEAPGGPYRLGTSGSCPN | 160 |
| B_Florida_4_06_p20_egg_HA | 81 | ALGRPMC VGTTTSAKASILHEVKPVTSGCFPIIMHRTKIRQLPNLLRGYENIRLSTQNVDAEAPGGPYRLGTSGSCPN | 160 |
| B_Florida_4_06_parent_HA | 161 | ATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSDDKTQMKNLYGDSNPQKFTSSANGVTTHYVS | 240 |
| B_Florida_4_06_p10_cell_HA | 161 | ATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSDDKTQMKNLYGDSNPQKFTSSANGVTTHYVS | 240 |
| B_Florida_4_06_p10_egg_HA | 161 | ATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSDDKTQMKNLYGDSNPQKFTSSANGVTTHYVS | 240 |
| B_Florida_4_06_p20_cell_HA | 161 | ATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSDDKTQMKNLYGDSNPQKFTSSANGVTTHYVS | 240 |
| B_Florida_4_06_p20_egg_HA | 161 | ATSKSGFFATMAWAVPKDNNKNATNPLTVEVPYICTEGEDQITVWGFHSDDKTQMKNLYGDSNPQKFTSSANGVTTHYVS | 240 |
| B_Florida_4_06_parent_HA | 241 | QIGSFDPQTEDGGLPQSGRIVVDYMMQKPGKGTGTIVYQRGVLLPQKVWCASGRSKVIKGSPLLIGEADCLHEKYGGGLNKS | 320 |
| B_Florida_4_06_p10_cell_HA | 241 | QIGSFDPQTEDGGLPQSGRIVVDYMMQKPGKGTGTIVYQRGVLLPQKVWCASGRSKVIKGSPLLIGEADCLHEKYGGGLNKS | 320 |
| B_Florida_4_06_p10_egg_HA | 241 | QIGSFDPQTEDGGLPQSGRIVVDYMMQKPGKGTGTIVYQRGVLLPQKVWCASGRSKVIKGSPLLIGEADCLHEKYGGGLNKS | 320 |
| B_Florida_4_06_p20_cell_HA | 241 | QIGSFDPQTEDGGLPQSGRIVVDYMMQKPGKGTGTIVYQRGVLLPQKVWCASGRSKVIKGSPLLIGEADCLHEKYGGGLNKS | 320 |
| B_Florida_4_06_p20_egg_HA | 241 | QIGSFDPQTEDGGLPQSGRIVVDYMMQKPGKGTGTIVYQRGVLLPQKVWCASGRSKVIKGSPLLIGEADCLHEKYGGGLNKS | 320 |
| B_Florida_4_06_parent_HA | 321 | KPYTGEHAKAIGNCPIWVKTPKLKANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAAGWHGYTSHGAHVAVAADLK | 400 |
| B_Florida_4_06_p10_cell_HA | 321 | KPYTGEHAKAIGNCPIWVKTPKLKANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAAGWHGYTSHGAHVAVAADLK | 400 |
| B_Florida_4_06_p10_egg_HA | 321 | KPYTGEHAKAIGNCPIWVKTPKLKANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAAGWHGYTSHGAHVAVAADLK | 400 |
| B_Florida_4_06_p20_cell_HA | 321 | KPYTGEHAKAIGNCPIWVKTPKLKANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAAGWHGYTSHGAHVAVAADLK | 400 |
| B_Florida_4_06_p20_egg_HA | 321 | KPYTGEHAKAIGNCPIWVKTPKLKANGTKYRPPAKLLKERGFFGAIAGFLEGGWEGMIAAGWHGYTSHGAHVAVAADLK | 400 |
| B_Florida_4_06_parent_HA | 401 | STQEAINKITKNLSLSELEVKNLQRLSGAMDELHNEILELDEKVDDLADTIISSQIELAVLLSNEGIINSEDEHLLALE | 480 |
| B_Florida_4_06_p10_cell_HA | 401 | STQEAINKITKNLSLSELEVKNLQRLSGAMDELHNEILELDEKVDDLADTIISSQIELAVLLSNEGIINSEDEHLLALE | 480 |
| B_Florida_4_06_p10_egg_HA | 401 | STQEAINKITKNLSLSELEVKNLQRLSGAMDELHNEILELDEKVDDLADTIISSQIELAVLLSNEGIINSEDEHLLALE | 480 |
| B_Florida_4_06_p20_cell_HA | 401 | STQEAINKITKNLSLSELEVKNLQRLSGAMDELHNEILELDEKVDDLADTIISSQIELAVLLSNEGIINSEDEHLLALE | 480 |
| B_Florida_4_06_p20_egg_HA | 401 | STQEAINKITKNLSLSELEVKNLQRLSGAMDELHNEILELDEKVDDLADTIISSQIELAVLLSNEGIINSEDEHLLALE | 480 |
| B_Florida_4_06_parent_HA | 481 | RKLKMLGSPSAVEIGNGCFETKHKCNQTCCLDRIAAGTFNAGEFSLPTFDSLNI TAASLNDDGLDNHTILLYYSTAASSLA | 560 |
| B_Florida_4_06_p10_cell_HA | 481 | RKLKMLGSPSAVEIGNGCFETKHKCNQTCCLDRIAAGTFNAGEFSLPTFDSLNI TAASLNDDGLDNHTILLYYSTAASSLA | 560 |
| B_Florida_4_06_p10_egg_HA | 481 | RKLKMLGSPSAVEIGNGCFETKHKCNQTCCLDRIAAGTFNAGEFSLPTFDSLNI TAASLNDDGLDNHTILLYYSTAASSLA | 560 |
| B_Florida_4_06_p20_cell_HA | 481 | RKLKMLGSPSAVEIGNGCFETKHKCNQTCCLDRIAAGTFNAGEFSLPTFDSLNI TAASLNDDGLDNHTILLYYSTAASSLA | 560 |
| B_Florida_4_06_p20_egg_HA | 481 | RKLKMLGSPSAVEIGNGCFETKHKCNQTCCLDRIAAGTFNAGEFSLPTFDSLNI TAASLNDDGLDNHTILLYYSTAASSLA | 560 |
| B_Florida_4_06_parent_HA | 561 | VTLM LAIFIVYMVS RDNVSCSICL | 585 |
| B_Florida_4_06_p10_cell_HA | 561 | VTLM LAIFIVYMVS RDNVSCSICL | 585 |
| B_Florida_4_06_p10_egg_HA | 561 | VTLM LAIFIVYMVS RDNVSCSICL | 585 |
| B_Florida_4_06_p20_cell_HA | 561 | VTLM LAIFIVYMVS RDNVSCSICL | 585 |
| B_Florida_4_06_p20_egg_HA | 561 | VTLM LAIFIVYMVS RDNVSCSICL | 585 |

Figure S2. Hemagglutinin nucleotide sequence alignment of B/Florida/06.

| | | | |
|---------------------------------|------|---|------|
| B. Florida_4_06_parent_HA.seq | 1 | ATTTCTTAATATCCACAAATGAAGGCAATAATGTGACTACTCTGTTGATGTAACATCCAAATGCAGATCGAATTCGCATCT | 80 |
| B. Florida_4_06_p10_cell_HA.seq | 1 | ATTTCTTAATATCCACAAATGAAGGCAATAATGTGACTACTCTGTTGATGTAACATCCAAATGCAGATCGAATTCGCATCT | 80 |
| B. Florida_4_06_p10_egg_HA | 1 | ATTTCTTAATATCCACAAATGAAGGCAATAATGTGACTACTCTGTTGATGTAACATCCAAATGCAGATCGAATTCGCATCT | 80 |
| B. Florida_4_06_p20_cell_HA | 1 | ATTTCTTAATATCCACAAATGAAGGCAATAATGTGACTACTCTGTTGATGTAACATCCAAATGCAGATCGAATTCGCATCT | 80 |
| B. Florida_4_06_p20_egg_HA | 1 | ATTTCTTAATATCCACAAATGAAGGCAATAATGTGACTACTCTGTTGATGTAACATCCAAATGCAGATCGAATTCGCATCT | 80 |
| B. Florida_4_06_parent_HA.seq | 81 | BAATAAACATCTCAAAATCACTCTCATGTGGTCAAAACAGCCACTCAAGGGAGGTCATGATGCTGTGATATACATCT | 160 |
| B. Florida_4_06_p10_cell_HA.seq | 81 | BAATAAACATCTCAAAATCACTCTCATGTGGTCAAAACAGCCACTCAAGGGAGGTCATGATGCTGTGATATACATCT | 160 |
| B. Florida_4_06_p10_egg_HA | 81 | BAATAAACATCTCAAAATCACTCTCATGTGGTCAAAACAGCCACTCAAGGGAGGTCATGATGCTGTGATATACATCT | 160 |
| B. Florida_4_06_p20_cell_HA | 81 | BAATAAACATCTCAAAATCACTCTCATGTGGTCAAAACAGCCACTCAAGGGAGGTCATGATGCTGTGATATACATCT | 160 |
| B. Florida_4_06_p20_egg_HA | 81 | BAATAAACATCTCAAAATCACTCTCATGTGGTCAAAACAGCCACTCAAGGGAGGTCATGATGCTGTGATATACATCT | 160 |
| B. Florida_4_06_parent_HA.seq | 161 | ACCAACCAACCAACAAATCTTATTTTGGCAATCTCAAAGGAACAGGACAGAGGGAACATATGCCCCAGACTGCTTCAA | 240 |
| B. Florida_4_06_p10_cell_HA.seq | 161 | ACCAACCAACCAACAAATCTTATTTTGGCAATCTCAAAGGAACAGGACAGAGGGAACATATGCCCCAGACTGCTTCAA | 240 |
| B. Florida_4_06_p10_egg_HA | 161 | ACCAACCAACCAACAAATCTTATTTTGGCAATCTCAAAGGAACAGGACAGAGGGAACATATGCCCCAGACTGCTTCAA | 240 |
| B. Florida_4_06_p20_cell_HA | 161 | ACCAACCAACCAACAAATCTTATTTTGGCAATCTCAAAGGAACAGGACAGAGGGAACATATGCCCCAGACTGCTTCAA | 240 |
| B. Florida_4_06_p20_egg_HA | 161 | ACCAACCAACCAACAAATCTTATTTTGGCAATCTCAAAGGAACAGGACAGAGGGAACATATGCCCCAGACTGCTTCAA | 240 |
| B. Florida_4_06_parent_HA.seq | 241 | CTCCAGAGATCTGGATGTGGCTTTGGGGAGCCAAATGTGTGGGGACCACACCTTGGCGAAGCTCTCAATCTTCCAG | 320 |
| B. Florida_4_06_p10_cell_HA.seq | 241 | CTCCAGAGATCTGGATGTGGCTTTGGGGAGCCAAATGTGTGGGGACCACACCTTGGCGAAGCTCTCAATCTTCCAG | 320 |
| B. Florida_4_06_p10_egg_HA | 241 | CTCCAGAGATCTGGATGTGGCTTTGGGGAGCCAAATGTGTGGGGACCACACCTTGGCGAAGCTCTCAATCTTCCAG | 320 |
| B. Florida_4_06_p20_cell_HA | 241 | CTCCAGAGATCTGGATGTGGCTTTGGGGAGCCAAATGTGTGGGGACCACACCTTGGCGAAGCTCTCAATCTTCCAG | 320 |
| B. Florida_4_06_p20_egg_HA | 241 | CTCCAGAGATCTGGATGTGGCTTTGGGGAGCCAAATGTGTGGGGACCACACCTTGGCGAAGCTCTCAATCTTCCAG | 320 |
| B. Florida_4_06_parent_HA.seq | 321 | AGGTCAAACTCTTACATCCGGGTGCTTCTCTATATGACGACGAGAACAAAAATGCGCAATACCCCAATCTTCTCAGA | 400 |
| B. Florida_4_06_p10_cell_HA.seq | 321 | AGGTCAAACTCTTACATCCGGGTGCTTCTCTATATGACGACGAGAACAAAAATGCGCAATACCCCAATCTTCTCAGA | 400 |
| B. Florida_4_06_p10_egg_HA | 321 | AGGTCAAACTCTTACATCCGGGTGCTTCTCTATATGACGACGAGAACAAAAATGCGCAATACCCCAATCTTCTCAGA | 400 |
| B. Florida_4_06_p20_cell_HA | 321 | AGGTCAAACTCTTACATCCGGGTGCTTCTCTATATGACGACGAGAACAAAAATGCGCAATACCCCAATCTTCTCAGA | 400 |
| B. Florida_4_06_p20_egg_HA | 321 | AGGTCAAACTCTTACATCCGGGTGCTTCTCTATATGACGACGAGAACAAAAATGCGCAATACCCCAATCTTCTCAGA | 400 |
| B. Florida_4_06_parent_HA.seq | 401 | GGATATGAATAATCAGGCTATCAACCCAAAGCTCATGATGTGGGAAAGGACACAGGAGGACCTACAGACTTGGAA | 480 |
| B. Florida_4_06_p10_cell_HA.seq | 401 | GGATATGAATAATCAGGCTATCAACCCAAAGCTCATGATGTGGGAAAGGACACAGGAGGACCTACAGACTTGGAA | 480 |
| B. Florida_4_06_p10_egg_HA | 401 | GGATATGAATAATCAGGCTATCAACCCAAAGCTCATGATGTGGGAAAGGACACAGGAGGACCTACAGACTTGGAA | 480 |
| B. Florida_4_06_p20_cell_HA | 401 | GGATATGAATAATCAGGCTATCAACCCAAAGCTCATGATGTGGGAAAGGACACAGGAGGACCTACAGACTTGGAA | 480 |
| B. Florida_4_06_p20_egg_HA | 401 | GGATATGAATAATCAGGCTATCAACCCAAAGCTCATGATGTGGGAAAGGACACAGGAGGACCTACAGACTTGGAA | 480 |
| B. Florida_4_06_parent_HA.seq | 481 | CTCAGAGATCTTGCCCTTAAGCTTACCAATGAAGAGGGATTTTGGCAACATGGCTTGGGCTGTCCCAAGGACCAACA | 560 |
| B. Florida_4_06_p10_cell_HA.seq | 481 | CTCAGAGATCTTGCCCTTAAGCTTACCAATGAAGAGGGATTTTGGCAACATGGCTTGGGCTGTCCCAAGGACCAACA | 560 |
| B. Florida_4_06_p10_egg_HA | 481 | CTCAGAGATCTTGCCCTTAAGCTTACCAATGAAGAGGGATTTTGGCAACATGGCTTGGGCTGTCCCAAGGACCAACA | 560 |
| B. Florida_4_06_p20_cell_HA | 481 | CTCAGAGATCTTGCCCTTAAGCTTACCAATGAAGAGGGATTTTGGCAACATGGCTTGGGCTGTCCCAAGGACCAACA | 560 |
| B. Florida_4_06_p20_egg_HA | 481 | CTCAGAGATCTTGCCCTTAAGCTTACCAATGAAGAGGGATTTTGGCAACATGGCTTGGGCTGTCCCAAGGACCAACA | 560 |
| B. Florida_4_06_parent_HA.seq | 561 | AAAAATGCAAGACCCCACTAACAGTAGAGTACCATACTTTGTACAGAAAGGGAAGACCAATCACTGTTGGGGTTTC | 640 |
| B. Florida_4_06_p10_cell_HA.seq | 561 | AAAAATGCAAGACCCCACTAACAGTAGAGTACCATACTTTGTACAGAAAGGGAAGACCAATCACTGTTGGGGTTTC | 640 |
| B. Florida_4_06_p10_egg_HA | 561 | AAAAATGCAAGACCCCACTAACAGTAGAGTACCATACTTTGTACAGAAAGGGAAGACCAATCACTGTTGGGGTTTC | 640 |
| B. Florida_4_06_p20_cell_HA | 561 | AAAAATGCAAGACCCCACTAACAGTAGAGTACCATACTTTGTACAGAAAGGGAAGACCAATCACTGTTGGGGTTTC | 640 |
| B. Florida_4_06_p20_egg_HA | 561 | AAAAATGCAAGACCCCACTAACAGTAGAGTACCATACTTTGTACAGAAAGGGAAGACCAATCACTGTTGGGGTTTC | 640 |
| B. Florida_4_06_parent_HA.seq | 641 | CAATTCAGATGCAAAAATCAATGAAGAACCTCTATGGAGACCTCAATCTCTCAAAAGTTCACCTCTGCTTAATGGAGT | 720 |
| B. Florida_4_06_p10_cell_HA.seq | 641 | CAATTCAGATGCAAAAATCAATGAAGAACCTCTATGGAGACCTCAATCTCTCAAAAGTTCACCTCTGCTTAATGGAGT | 720 |
| B. Florida_4_06_p10_egg_HA | 641 | CAATTCAGATGCAAAAATCAATGAAGAACCTCTATGGAGACCTCAATCTCTCAAAAGTTCACCTCTGCTTAATGGAGT | 720 |
| B. Florida_4_06_p20_cell_HA | 641 | CAATTCAGATGCAAAAATCAATGAAGAACCTCTATGGAGACCTCAATCTCTCAAAAGTTCACCTCTGCTTAATGGAGT | 720 |
| B. Florida_4_06_p20_egg_HA | 641 | CAATTCAGATGCAAAAATCAATGAAGAACCTCTATGGAGACCTCAATCTCTCAAAAGTTCACCTCTGCTTAATGGAGT | 720 |
| B. Florida_4_06_parent_HA.seq | 721 | AACCCACACACTATGTTCTCAGATTTGGGAGCTTCCAGATCAAAAGGAAGAGGGAGCTACCAACAAAGGGGAGATTT | 800 |
| B. Florida_4_06_p10_cell_HA.seq | 721 | AACCCACACACTATGTTCTCAGATTTGGGAGCTTCCAGATCAAAAGGAAGAGGGAGCTACCAACAAAGGGGAGATTT | 800 |
| B. Florida_4_06_p10_egg_HA | 721 | AACCCACACACTATGTTCTCAGATTTGGGAGCTTCCAGATCAAAAGGAAGAGGGAGCTACCAACAAAGGGGAGATTT | 800 |
| B. Florida_4_06_p20_cell_HA | 721 | AACCCACACACTATGTTCTCAGATTTGGGAGCTTCCAGATCAAAAGGAAGAGGGAGCTACCAACAAAGGGGAGATTT | 800 |
| B. Florida_4_06_p20_egg_HA | 721 | AACCCACACACTATGTTCTCAGATTTGGGAGCTTCCAGATCAAAAGGAAGAGGGAGCTACCAACAAAGGGGAGATTT | 800 |
| B. Florida_4_06_parent_HA.seq | 801 | CTGTGATACATATGTCGCAAAAATGGGAAACAGGAATTTGTCTACCAAAAGAGTGTCTTGTGCTCTCAAAAGT | 880 |
| B. Florida_4_06_p10_cell_HA.seq | 801 | CTGTGATACATATGTCGCAAAAATGGGAAACAGGAATTTGTCTACCAAAAGAGTGTCTTGTGCTCTCAAAAGT | 880 |
| B. Florida_4_06_p10_egg_HA | 801 | CTGTGATACATATGTCGCAAAAATGGGAAACAGGAATTTGTCTACCAAAAGAGTGTCTTGTGCTCTCAAAAGT | 880 |
| B. Florida_4_06_p20_cell_HA | 801 | CTGTGATACATATGTCGCAAAAATGGGAAACAGGAATTTGTCTACCAAAAGAGTGTCTTGTGCTCTCAAAAGT | 880 |
| B. Florida_4_06_p20_egg_HA | 801 | CTGTGATACATATGTCGCAAAAATGGGAAACAGGAATTTGTCTACCAAAAGAGTGTCTTGTGCTCTCAAAAGT | 880 |
| B. Florida_4_06_parent_HA.seq | 881 | TGGTGGCGAGTGGCGAGGAGCAAGTATAAAGAGGCTCTTGCTTTAAATTTGGTGAAGCAGATTTGCTCTCATGAATAAT | 960 |
| B. Florida_4_06_p10_cell_HA.seq | 881 | TGGTGGCGAGTGGCGAGGAGCAAGTATAAAGAGGCTCTTGCTTTAAATTTGGTGAAGCAGATTTGCTCTCATGAATAAT | 960 |
| B. Florida_4_06_p10_egg_HA | 881 | TGGTGGCGAGTGGCGAGGAGCAAGTATAAAGAGGCTCTTGCTTTAAATTTGGTGAAGCAGATTTGCTCTCATGAATAAT | 960 |
| B. Florida_4_06_p20_cell_HA | 881 | TGGTGGCGAGTGGCGAGGAGCAAGTATAAAGAGGCTCTTGCTTTAAATTTGGTGAAGCAGATTTGCTCTCATGAATAAT | 960 |
| B. Florida_4_06_p20_egg_HA | 881 | TGGTGGCGAGTGGCGAGGAGCAAGTATAAAGAGGCTCTTGCTTTAAATTTGGTGAAGCAGATTTGCTCTCATGAATAAT | 960 |
| B. Florida_4_06_parent_HA.seq | 961 | TGGTGGATTAACAAAGAGCAAGCTTACACACAGGAGAACATGCAAAAGCATAGGAAATGGCCCAATATGGGTGAATA | 1040 |
| B. Florida_4_06_p10_cell_HA.seq | 961 | TGGTGGATTAACAAAGAGCAAGCTTACACACAGGAGAACATGCAAAAGCATAGGAAATGGCCCAATATGGGTGAATA | 1040 |
| B. Florida_4_06_p10_egg_HA | 961 | TGGTGGATTAACAAAGAGCAAGCTTACACACAGGAGAACATGCAAAAGCATAGGAAATGGCCCAATATGGGTGAATA | 1040 |
| B. Florida_4_06_p20_cell_HA | 961 | TGGTGGATTAACAAAGAGCAAGCTTACACACAGGAGAACATGCAAAAGCATAGGAAATGGCCCAATATGGGTGAATA | 1040 |
| B. Florida_4_06_p20_egg_HA | 961 | TGGTGGATTAACAAAGAGCAAGCTTACACACAGGAGAACATGCAAAAGCATAGGAAATGGCCCAATATGGGTGAATA | 1040 |
| B. Florida_4_06_parent_HA.seq | 1041 | CACCTTTGAAGCTTGGCAATGGAGCAAAATATAGACTCTGCGAAACATATAAGGAAGAGGGGTCTCTCGGAGCTATT | 1120 |
| B. Florida_4_06_p10_cell_HA.seq | 1041 | CACCTTTGAAGCTTGGCAATGGAGCAAAATATAGACTCTGCGAAACATATAAGGAAGAGGGGTCTCTCGGAGCTATT | 1120 |
| B. Florida_4_06_p10_egg_HA | 1041 | CACCTTTGAAGCTTGGCAATGGAGCAAAATATAGACTCTGCGAAACATATAAGGAAGAGGGGTCTCTCGGAGCTATT | 1120 |
| B. Florida_4_06_p20_cell_HA | 1041 | CACCTTTGAAGCTTGGCAATGGAGCAAAATATAGACTCTGCGAAACATATAAGGAAGAGGGGTCTCTCGGAGCTATT | 1120 |
| B. Florida_4_06_p20_egg_HA | 1041 | CACCTTTGAAGCTTGGCAATGGAGCAAAATATAGACTCTGCGAAACATATAAGGAAGAGGGGTCTCTCGGAGCTATT | 1120 |
| B. Florida_4_06_parent_HA.seq | 1121 | CTGTGTTCTCTAGAGAGGAGATGGGAAGGATATGTGAGGTGTCGACAGGATACACATCTCAGGAGACATATGGATGGT | 1200 |
| B. Florida_4_06_p10_cell_HA.seq | 1121 | CTGTGTTCTCTAGAGAGGAGATGGGAAGGATATGTGAGGTGTCGACAGGATACACATCTCAGGAGACATATGGATGGT | 1200 |
| B. Florida_4_06_p10_egg_HA | 1121 | CTGTGTTCTCTAGAGAGGAGATGGGAAGGATATGTGAGGTGTCGACAGGATACACATCTCAGGAGACATATGGATGGT | 1200 |
| B. Florida_4_06_p20_cell_HA | 1121 | CTGTGTTCTCTAGAGAGGAGATGGGAAGGATATGTGAGGTGTCGACAGGATACACATCTCAGGAGACATATGGATGGT | 1200 |
| B. Florida_4_06_p20_egg_HA | 1121 | CTGTGTTCTCTAGAGAGGAGATGGGAAGGATATGTGAGGTGTCGACAGGATACACATCTCAGGAGACATATGGATGGT | 1200 |
| B. Florida_4_06_parent_HA.seq | 1201 | AGTGGCGGGGACCTTAAGATATGCAAGAGACTATAAACAAGATAACAAAAATCTCAATCTTTGATGGAGCTAGAA | 1280 |
| B. Florida_4_06_p10_cell_HA.seq | 1201 | AGTGGCGGGGACCTTAAGATATGCAAGAGACTATAAACAAGATAACAAAAATCTCAATCTTTGATGGAGCTAGAA | 1280 |
| B. Florida_4_06_p10_egg_HA | 1201 | AGTGGCGGGGACCTTAAGATATGCAAGAGACTATAAACAAGATAACAAAAATCTCAATCTTTGATGGAGCTAGAA | 1280 |
| B. Florida_4_06_p20_cell_HA | 1201 | AGTGGCGGGGACCTTAAGATATGCAAGAGACTATAAACAAGATAACAAAAATCTCAATCTTTGATGGAGCTAGAA | 1280 |
| B. Florida_4_06_p20_egg_HA | 1201 | AGTGGCGGGGACCTTAAGATATGCAAGAGACTATAAACAAGATAACAAAAATCTCAATCTTTGATGGAGCTAGAA | 1280 |
| B. Florida_4_06_parent_HA.seq | 1281 | TAAAGAATCTCTCAAGACTAAGTGTGTCATGGATGAACCTCCACAGAAATCTCGAGCTGGTGAAGAAAGTGGATGAT | 1360 |
| B. Florida_4_06_p10_cell_HA.seq | 1281 | TAAAGAATCTCTCAAGACTAAGTGTGTCATGGATGAACCTCCACAGAAATCTCGAGCTGGTGAAGAAAGTGGATGAT | 1360 |
| B. Florida_4_06_p10_egg_HA | 1281 | TAAAGAATCTCTCAAGACTAAGTGTGTCATGGATGAACCTCCACAGAAATCTCGAGCTGGTGAAGAAAGTGGATGAT | 1360 |
| B. Florida_4_06_p20_cell_HA | 1281 | TAAAGAATCTCTCAAGACTAAGTGTGTCATGGATGAACCTCCACAGAAATCTCGAGCTGGTGAAGAAAGTGGATGAT | 1360 |
| B. Florida_4_06_p20_egg_HA | 1281 | TAAAGAATCTCTCAAGACTAAGTGTGTCATGGATGAACCTCCACAGAAATCTCGAGCTGGTGAAGAAAGTGGATGAT | 1360 |
| B. Florida_4_06_parent_HA.seq | 1361 | CTCAGAGCTGACATAAAGCTCGCAATAAGACTTGCAGCTCTGCTTCCACAGGAAGATAATAAACAGTGAAGATGA | 1440 |
| B. Florida_4_06_p10_cell_HA.seq | 1361 | CTCAGAGCTGACATAAAGCTCGCAATAAGACTTGCAGCTCTGCTTCCACAGGAAGATAATAAACAGTGAAGATGA | 1440 |
| B. Florida_4_06_p10_egg_HA | 1361 | CTCAGAGCTGACATAAAGCTCGCAATAAGACTTGCAGCTCTGCTTCCACAGGAAGATAATAAACAGTGAAGATGA | 1440 |
| B. Florida_4_06_p20_cell_HA | 1361 | CTCAGAGCTGACATAAAGCTCGCAATAAGACTTGCAGCTCTGCTTCCACAGGAAGATAATAAACAGTGAAGATGA | 1440 |
| B. Florida_4_06_p20_egg_HA | 1361 | CTCAGAGCTGACATAAAGCTCGCAATAAGACTTGCAGCTCTGCTTCCACAGGAAGATAATAAACAGTGAAGATGA | 1440 |
| B. Florida_4_06_parent_HA.seq | 1441 | GCATCTATTGGCACTTGGAGGAAATATAAGAAATATGGGTCCTCTGCTGTAGATATAGGAATGGATGCTTCCAA | 1520 |
| B. Florida_4_06_p10_cell_HA.seq | 1441 | GCATCTATTGGCACTTGGAGGAAATATAAGAAATATGGGTCCTCTGCTGTAGATATAGGAATGGATGCTTCCAA | 1520 |
| B. Florida_4_06_p10_egg_HA | 1441 | GCATCTATTGGCACTTGGAGGAAATATAAGAAATATGGGTCCTCTGCTGTAGATATAGGAATGGATGCTTCCAA | 1520 |
| B. Florida_4_06_p20_cell_HA | 1441 | GCATCTATTGGCACTTGGAGGAAATATAAGAAATATGGGTCCTCTGCTGTAGATATAGGAATGGATGCTTCCAA | 1520 |
| B. Florida_4_06_p20_egg_HA | 1441 | GCATCTATTGGCACTTGGAGGAAATATAAGAAATATGGGTCCTCTGCTGTAGATATAGGAATGGATGCTTCCAA | 1520 |
| B. Florida_4_06_parent_HA.seq | 1521 | CTCAACACAGTGGCAACAGACTTGTATAGAGGATAGCTGTGGCACTTTAATGAGGAATTTCTCTCCCACT | 1600 |
| B. Florida_4_06_p10_cell_HA.seq | 1521 | CTCAACACAGTGGCAACAGACTTGTATAGAGGATAGCTGTGGCACTTTAATGAGGAATTTCTCTCCCACT | 1600 |
| B. Florida_4_06_p10_egg_HA | 1521 | CTCAACACAGTGGCAACAGACTTGTATAGAGGATAGCTGTGGCACTTTAATGAGGAATTTCTCTCCCACT | 1600 |
| B. Florida_4_06_p20_cell_HA | 1521 | CTCAACACAGTGGCAACAGACTTGTATAGAGGATAGCTGTGGCACTTTAATGAGGAATTTCTCTCCCACT | 1600 |
| B. Florida_4_06_p20_egg_HA | 1521 | CTCAACACAGTGGCAACAGACTTGTATAGAGGATAGCTGTGGCACTTTAATGAGGAATTTCTCTCCCACT | 1600 |
| B. Florida_4_06_parent_HA.seq | 1601 | TTTGATCTCACTGAACATCTCTGTGCTATCTTAATGATGATGGATGGTGAACATATCATCTGCTTATCTCTCAAC | 1680 |
| B. Florida_4_06_p10_cell_HA.seq | 1601 | TTTGATCTCACTGAACATCTCTGTGCTATCTTAATGATGATGGATGGTGAACATATCATCTGCTTATCTCTCAAC | 1680 |
| B. Florida_4_06_p10_egg_HA | 1601 | TTTGATCTCACTGAACATCTCTGTGCTATCTTAATGATGATGGATGGTGAACATATCATCTGCTTATCTCTCAAC | 1680 |
| B. Florida_4_06_p20_cell_HA | 1601 | TTTGATCTCACTGAACATCTCTGTGCTATCTTAATGATGATGGATGGTGAACATATCATCTGCTTATCTCTCAAC | 1680 |
| B. Florida_4_06_p20_egg_HA | 1601 | TTTGATCTCACTGAACATCTCTGTGCTATCTTAATGATGATGGATGGTGAACATATCATCTGCTTATCTCTCAAC | 1680 |
| B. Florida_4_06_parent_HA.seq | 1681 | TCGTGCTCTTAAGTGGGCTAAACATGTATGTGACTATTTATGTTTATATGGTCTCCAGAGAACCTGTTCTACCTG | 1760 |
| B. Florida_4_06_p10_cell_HA.seq | 1681 | TCGTGCTCTTAAGTGGGCTAAACATGTATGTGACTATTTATGTTTATATGGTCTCCAGAGAACCTGTTCTACCTG | 1760 |
| B. Florida_4_06_p10_egg_HA | 1681 | TCGTGCTCTTAAGTGGGCTAAACATGTATGTGACTATTTATGTTTATATGGTCTCCAGAGAACCTGTTCTACCTG | 1760 |
| B. Florida_4_06_p20_cell_HA | 1681 | TCGTGCTCTTAAGTGGGCTAAACATGTATGTGACTATTTATGTTTATATGGTCTCCAGAGAACCTGTTCTACCTG | 1760 |
| B. Florida_4_06_p20_egg_HA | 1681 | TCGTGCTCTTAAGTGGGCTAAACATGTATGTGACTATTTATGTTTATATGGTCTCCAGAGAACCTGTTCTACCTG | 1760 |
| B. Florida_4_06_parent_HA.seq | 1761 | CCATCTGCTATAAGGAAGATAGGCTCTGATTTCTCTTATTTGATGTGCTTGTGCTGTATCATACCAAGAAAG | 1840 |
| B. Florida_4_06_p10_cell_HA.seq | 1761 | CCATCTGCTATAAGGAAGATAGGCTCTGATTTCTCTTATTTGATGTGCTTGTGCTGTATCATACCAAGAAAG | 1840 |
| B. Florida_4_06_p10_egg_HA | 1761 | CCATCTGCTATAAGGAAGATAGGCTCTGATTTCTCTTATTTGATGTGCTTGTGCTGTATCATACCAAGAAAG | 1840 |
| B. Florida_4_06_p20_cell_HA | 1761 | CCATCTGCTATAAGGAAGATAGGCTCTGATTTCTCTTATTTGATGTGCTTGTGCTGTATCATACCAAGAAAG | 1840 |
| B. Florida_4_06_p20_egg_HA | 1761 | CCATCTGCTATAAGGAAGATAGGCTCTGATTTCTCTTATTTGATGTGCTTGTGCTGTATCATACCAAGAAAG | 1840 |
| B. Florida_4_06_parent_HA.seq | 1841 | GTATTGGAAGAAAT | 1860 |
| B. Florida_4_06_p10_cell_HA.seq | 1841 | GTATTGGAAGAAAT | 1860 |
| B. Florida_4_06_p10_egg_HA | 1841 | GTATTGGAAGAAAT | 1860 |
| B. Florida_4_06_p20_cell_HA | 1841 | GTATTGGAAGAAAT | 1860 |
| B. Florida_4_06_p20_egg_HA | 1841 | GTATTGGAAGAAAT | 1860 |

Figure S3. Neuraminidase amino acid sequence alignment of B/Florida/06.

| | | | |
|----------------------------|-----|---|-----|
| B_Florida_4_06_parent_NA | 1 | MLPSTIQTLTLFLTSGGVLLSLYVSASLSYLLYS DILLKFSQTEITAPIMPLDCANASNVAQVNRSAAGVTLLPEPEW | 80 |
| B_Florida_4_06_p10_cell_NA | 1 | MLPSTIQTLTLFLTSGGVLLSLYVSASLSYLLYS DILLKFSQTEITAPIMPLDCANASNVAQVNRSAAGVTLLPEPEW | 80 |
| B_Florida_4_06_p10_egg_NA | 1 | MLPSTIQTLTLFLTSGGVLLSLYVSASLSYLLYS DILLKFSQTEITAPIMPLDCANASNVAQVNRSAAGVTLLPEPEW | 80 |
| B_Florida_4_06_p20_cell_NA | 1 | MLPSTIQTLTLFLTSGGVLLSLYVSASLSYLLYS DILLKFSQTEITAPIMPLDCANASNVAQVNRSAAGVTLLPEPEW | 80 |
| B_Florida_4_06_p20_egg_NA | 1 | MLPSTIQTLTLFLTSGGVLLSLYVSASLSYLLYS DILLKFSQTEITAPIMPLDCANASNVAQVNRSAAGVTLLPEPEW | 80 |
| B_Florida_4_06_parent_NA | 81 | TYPRLSCPGSTFQKALLISPHRFGETKGNSAPLIIREPFIACGPTECKHFALTHYAAQPGGYNGTREDRNKLRHLISVK | 160 |
| B_Florida_4_06_p10_cell_NA | 81 | TYPRLSCPGSTFQKALLISPHRFGETKGNSAPLIIREPFIACGPTECKHFALTHYAAQPGGYNGTREDRNKLRHLISVK | 160 |
| B_Florida_4_06_p10_egg_NA | 81 | TYPRLSCPGSTFQKALLISPHRFGETKGNSAPLIIREPFIACGPTECKHFALTHYAAQPGGYNGTREDRNKLRHLISVK | 160 |
| B_Florida_4_06_p20_cell_NA | 81 | TYPRLSCPGSTFQKALLISPHRFGETKGNSAPLIIREPFIACGPTECKHFALTHYAAQPGGYNGTREDRNKLRHLISVK | 160 |
| B_Florida_4_06_p20_egg_NA | 81 | TYPRLSCPGSTFQKALLISPHRFGETKGNSAPLIIREPFIACGPTECKHFALTHYAAQPGGYNGTREDRNKLRHLISVK | 160 |
| B_Florida_4_06_parent_NA | 161 | LGKIPTVENSIFHMAAWSGSACHDGKEWTYIGVDGPD SNALLKIKYGEAYTDTYHSYAKNILRTQESACNCIGGDCYLM I | 240 |
| B_Florida_4_06_p10_cell_NA | 161 | LGKIPTVENSIFHMAAWSGSACHDGKEWTYIGVDGPD SNALLKIKYGEAYTDTYHSYAKNILRTQESACNCIGGDCYLM I | 240 |
| B_Florida_4_06_p10_egg_NA | 161 | LGKIPTVENSIFHMAAWSGSACHDGKEWTYIGVDGPD SNALLKIKYGEAYTDTYHSYAKNILRTQESACNCIGGDCYLM I | 240 |
| B_Florida_4_06_p20_cell_NA | 161 | LGKIPTVENSIFHMAAWSGSACHDGKEWTYIGVDGPD SNALLKIKYGEAYTDTYHSYAKNILRTQESACNCIGGDCYLM I | 240 |
| B_Florida_4_06_p20_egg_NA | 161 | LGKIPTVENSIFHMAAWSGSACHDGKEWTYIGVDGPD SNALLKIKYGEAYTDTYHSYAKNILRTQESACNCIGGDCYLM I | 240 |
| B_Florida_4_06_parent_NA | 241 | TDGPASGISSECRFLKIREGRIIKEIFPTGRVKHTEECTCGFASNKTI ECACRDNSYTAKRPFVKLVNVEDTDAEIRLMCTE | 320 |
| B_Florida_4_06_p10_cell_NA | 241 | TDGPASGISSECRFLKIREGRIIKEIFPTGRVKHTEECTCGFASNKTI ECACRDNSYTAKRPFVKLVNVEDTDAEIRLMCTE | 320 |
| B_Florida_4_06_p10_egg_NA | 241 | TDGPASGISSECRFLKIREGRIIKEIFPTGRVKHTEECTCGFASNKTI ECACRDNSYTAKRPFVKLVNVEDTDAEIRLMCTE | 320 |
| B_Florida_4_06_p20_cell_NA | 241 | TDGPASGISSECRFLKIREGRIIKEIFPTGRVKHTEECTCGFASNKTI ECACRDNSYTAKRPFVKLVNVEDTDAEIRLMCTE | 320 |
| B_Florida_4_06_p20_egg_NA | 241 | TDGPASGISSECRFLKIREGRIIKEIFPTGRVKHTEECTCGFASNKTI ECACRDNSYTAKRPFVKLVNVEDTDAEIRLMCTE | 320 |
| B_Florida_4_06_parent_NA | 321 | TYLDTPRPNDGSI TGPCESDGDKGSGG IKGGFVHQRMASK IGRWYSRTMSKTKRMGMGLYVKYDGD PWTDS EALALSGVM | 400 |
| B_Florida_4_06_p10_cell_NA | 321 | TYLDTPRPNDGSI TGPCESDGDKGSGG IKGGFVHQRMASK IGRWYSRTMSKTKRMGMGLYVKYDGD PWTDS EALALSGVM | 400 |
| B_Florida_4_06_p10_egg_NA | 321 | TYLDTPRPNDGSI TGPCESDGDKGSGG IKGGFVHQRMASK IGRWYSRTMSKTKRMGMGLYVKYDGD PWTDS EALALSGVM | 400 |
| B_Florida_4_06_p20_cell_NA | 321 | TYLDTPRPNDGSI TGPCESDGDKGSGG IKGGFVHQRMASK IGRWYSRTMSKTKRMGMGLYVKYDGD PWTDS EALALSGVM | 400 |
| B_Florida_4_06_p20_egg_NA | 321 | TYLDTPRPNDGSI TGPCESDGDKGSGG IKGGFVHQRMASK IGRWYSRTMSKTKRMGMGLYVKYDGD PWTDS EALALSGVM | 400 |
| B_Florida_4_06_parent_NA | 401 | VSMEEPGWYSFGFEIKDKKCDVPCIGIEMVHDG GKT TW HSAATAIYCLMGSGQLLWDVTGTGVDMAI* | 467 |
| B_Florida_4_06_p10_cell_NA | 401 | VSMEEPGWYSFGFEIKDKKCDVPCIGIEMVHDG GKT TW HSAATAIYCLMGSGQLLWDVTGTGVDMAI* | 467 |
| B_Florida_4_06_p10_egg_NA | 401 | VSMEEPGWYSFGFEIKDKKCDVPCIGIEMVHDG GKT TW HSAATAIYCLMGSGQLLWDVTGTGVDMAI* | 467 |
| B_Florida_4_06_p20_cell_NA | 401 | VSMEEPGWYSFGFEIKDKKCDVPCIGIEMVHDG GKT TW HSAATAIYCLMGSGQLLWDVTGTGVDMAI* | 467 |
| B_Florida_4_06_p20_egg_NA | 401 | VSMEEPGWYSFGFEIKDKKCDVPCIGIEMVHDG GKT TW HSAATAIYCLMGSGQLLWDVTGTGVDMAI* | 467 |

Figure S4. Neuraminidase nucleotide sequence alignment of B/Florida/06.

| | | | |
|-------------------------------|------|--|------|
| B_Florida_4_06_parent_NA | 1 | ATCTTCTCAAAACTGAGGCAAATAGGCCAAAAATGAACAATGCTACCTTCAACATACAAAGCTTAACCTATTCTCTAC | 80 |
| B_Florida_4_06_p10_cell_NA | 1 | ATCTTCTCAAAACTGAGGCAAATAGGCCAAAAATGAACAATGCTACCTTCAACATACAAAGCTTAACCTATTCTCTAC | 80 |
| B_Florida_4_06_p10_egg_NA.seq | 1 | ATCTTCTCAAAACTGAGGCAAATAGGCCAAAAATGAACAATGCTACCTTCAACATACAAAGCTTAACCTATTCTCTAC | 80 |
| B_Florida_4_06_p20_cell_NA | 1 | ATCTTCTCAAAACTGAGGCAAATAGGCCAAAAATGAACAATGCTACCTTCAACATACAAAGCTTAACCTATTCTCTAC | 80 |
| B_Florida_4_06_p20_egg_NA | 1 | ATCTTCTCAAAACTGAGGCAAATAGGCCAAAAATGAACAATGCTACCTTCAACATACAAAGCTTAACCTATTCTCTAC | 80 |
| B_Florida_4_06_parent_NA | 81 | ATCAGGGGGAGTGTATTATCACTATATGTGTGACGTCATATGTCATCTACTATATTCGGATATATTGCTAAATTTT | 160 |
| B_Florida_4_06_p10_cell_NA | 81 | ATCAGGGGGAGTGTATTATCACTATATGTGTGACGTCATATGTCATCTACTATATTCGGATATATTGCTAAATTTT | 160 |
| B_Florida_4_06_p10_egg_NA.seq | 81 | ATCAGGGGGAGTGTATTATCACTATATGTGTGACGTCATATGTCATCTACTATATTCGGATATATTGCTAAATTTT | 160 |
| B_Florida_4_06_p20_cell_NA | 81 | ATCAGGGGGAGTGTATTATCACTATATGTGTGACGTCATATGTCATCTACTATATTCGGATATATTGCTAAATTTT | 160 |
| B_Florida_4_06_p20_egg_NA | 81 | ATCAGGGGGAGTGTATTATCACTATATGTGTGACGTCATATGTCATCTACTATATTCGGATATATTGCTAAATTTT | 160 |
| B_Florida_4_06_parent_NA | 161 | ACACAAACAGAAATAACTGACACCAATAATGCCATTGGATTGTGCAAAAGCATCAAAATGTCAGGCTGTGAACCGTTCTGCA | 240 |
| B_Florida_4_06_p10_cell_NA | 161 | ACACAAACAGAAATAACTGACACCAATAATGCCATTGGATTGTGCAAAAGCATCAAAATGTCAGGCTGTGAACCGTTCTGCA | 240 |
| B_Florida_4_06_p10_egg_NA.seq | 161 | ACACAAACAGAAATAACTGACACCAATAATGCCATTGGATTGTGCAAAAGCATCAAAATGTCAGGCTGTGAACCGTTCTGCA | 240 |
| B_Florida_4_06_p20_cell_NA | 161 | ACACAAACAGAAATAACTGACACCAATAATGCCATTGGATTGTGCAAAAGCATCAAAATGTCAGGCTGTGAACCGTTCTGCA | 240 |
| B_Florida_4_06_p20_egg_NA | 161 | ACACAAACAGAAATAACTGACACCAATAATGCCATTGGATTGTGCAAAAGCATCAAAATGTCAGGCTGTGAACCGTTCTGCA | 240 |
| B_Florida_4_06_parent_NA | 241 | BCAAAAGGGGTGACACTTCTTCTCCAGAACCGGAGTGGAACATACCTCGTTTATCTTGCCCGGGCTCAACCTTTTCAGAA | 320 |
| B_Florida_4_06_p10_cell_NA | 241 | BCAAAAGGGGTGACACTTCTTCTCCAGAACCGGAGTGGAACATACCTCGTTTATCTTGCCCGGGCTCAACCTTTTCAGAA | 320 |
| B_Florida_4_06_p10_egg_NA.seq | 241 | BCAAAAGGGGTGACACTTCTTCTCCAGAACCGGAGTGGAACATACCTCGTTTATCTTGCCCGGGCTCAACCTTTTCAGAA | 320 |
| B_Florida_4_06_p20_cell_NA | 241 | BCAAAAGGGGTGACACTTCTTCTCCAGAACCGGAGTGGAACATACCTCGTTTATCTTGCCCGGGCTCAACCTTTTCAGAA | 320 |
| B_Florida_4_06_p20_egg_NA | 241 | BCAAAAGGGGTGACACTTCTTCTCCAGAACCGGAGTGGAACATACCTCGTTTATCTTGCCCGGGCTCAACCTTTTCAGAA | 320 |
| B_Florida_4_06_parent_NA | 321 | AGCACTCTCTAATAGCCCTCATAGATTGCGAGAAACCAAGGAACATCAAGTCCCTGTATAATAAAGGGAACCTTTTATTTG | 400 |
| B_Florida_4_06_p10_cell_NA | 321 | AGCACTCTCTAATAGCCCTCATAGATTGCGAGAAACCAAGGAACATCAAGTCCCTGTATAATAAAGGGAACCTTTTATTTG | 400 |
| B_Florida_4_06_p10_egg_NA.seq | 321 | AGCACTCTCTAATAGCCCTCATAGATTGCGAGAAACCAAGGAACATCAAGTCCCTGTATAATAAAGGGAACCTTTTATTTG | 400 |
| B_Florida_4_06_p20_cell_NA | 321 | AGCACTCTCTAATAGCCCTCATAGATTGCGAGAAACCAAGGAACATCAAGTCCCTGTATAATAAAGGGAACCTTTTATTTG | 400 |
| B_Florida_4_06_p20_egg_NA | 321 | AGCACTCTCTAATAGCCCTCATAGATTGCGAGAAACCAAGGAACATCAAGTCCCTGTATAATAAAGGGAACCTTTTATTTG | 400 |
| B_Florida_4_06_parent_NA | 401 | CTTTGTGGACCAACGGAATGCAAACTTTGCTCTAACCATATATGCAAGTCAACAGGGGGATACATACATGGAACAGAA | 480 |
| B_Florida_4_06_p10_cell_NA | 401 | CTTTGTGGACCAACGGAATGCAAACTTTGCTCTAACCATATATGCAAGTCAACAGGGGGATACATACATGGAACAGAA | 480 |
| B_Florida_4_06_p10_egg_NA.seq | 401 | CTTTGTGGACCAACGGAATGCAAACTTTGCTCTAACCATATATGCAAGTCAACAGGGGGATACATACATGGAACAGAA | 480 |
| B_Florida_4_06_p20_cell_NA | 401 | CTTTGTGGACCAACGGAATGCAAACTTTGCTCTAACCATATATGCAAGTCAACAGGGGGATACATACATGGAACAGAA | 480 |
| B_Florida_4_06_p20_egg_NA | 401 | CTTTGTGGACCAACGGAATGCAAACTTTGCTCTAACCATATATGCAAGTCAACAGGGGGATACATACATGGAACAGAA | 480 |
| B_Florida_4_06_parent_NA | 481 | BAGACAGAAACAGCTGAGGCATCTAATTTCAGTCAATTTGGGCAAAATCCCAACAGTAGAAAACTCCATTTCCTCAT | 560 |
| B_Florida_4_06_p10_cell_NA | 481 | BAGACAGAAACAGCTGAGGCATCTAATTTCAGTCAATTTGGGCAAAATCCCAACAGTAGAAAACTCCATTTCCTCAT | 560 |
| B_Florida_4_06_p10_egg_NA.seq | 481 | BAGACAGAAACAGCTGAGGCATCTAATTTCAGTCAATTTGGGCAAAATCCCAACAGTAGAAAACTCCATTTCCTCAT | 560 |
| B_Florida_4_06_p20_cell_NA | 481 | BAGACAGAAACAGCTGAGGCATCTAATTTCAGTCAATTTGGGCAAAATCCCAACAGTAGAAAACTCCATTTCCTCAT | 560 |
| B_Florida_4_06_p20_egg_NA | 481 | BAGACAGAAACAGCTGAGGCATCTAATTTCAGTCAATTTGGGCAAAATCCCAACAGTAGAAAACTCCATTTCCTCAT | 560 |
| B_Florida_4_06_parent_NA | 561 | GGCAGCTTTGGAGCGGTCGCTATGCCATGATGTTAAGAAATGGACATATATCGGAATGTATGCCCCGACAGTAATGCAT | 640 |
| B_Florida_4_06_p10_cell_NA | 561 | GGCAGCTTTGGAGCGGTCGCTATGCCATGATGTTAAGAAATGGACATATATCGGAATGTATGCCCCGACAGTAATGCAT | 640 |
| B_Florida_4_06_p10_egg_NA.seq | 561 | GGCAGCTTTGGAGCGGTCGCTATGCCATGATGTTAAGAAATGGACATATATCGGAATGTATGCCCCGACAGTAATGCAT | 640 |
| B_Florida_4_06_p20_cell_NA | 561 | GGCAGCTTTGGAGCGGTCGCTATGCCATGATGTTAAGAAATGGACATATATCGGAATGTATGCCCCGACAGTAATGCAT | 640 |
| B_Florida_4_06_p20_egg_NA | 561 | GGCAGCTTTGGAGCGGTCGCTATGCCATGATGTTAAGAAATGGACATATATCGGAATGTATGCCCCGACAGTAATGCAT | 640 |
| B_Florida_4_06_parent_NA | 641 | TACTCAAAATAAAATATGGGAAGCATATACTGAACATACCATCTCTATGCAAAAACATCTTGAAGGACACAGAAAGT | 720 |
| B_Florida_4_06_p10_cell_NA | 641 | TACTCAAAATAAAATATGGGAAGCATATACTGAACATACCATCTCTATGCAAAAACATCTTGAAGGACACAGAAAGT | 720 |
| B_Florida_4_06_p10_egg_NA.seq | 641 | TACTCAAAATAAAATATGGGAAGCATATACTGAACATACCATCTCTATGCAAAAACATCTTGAAGGACACAGAAAGT | 720 |
| B_Florida_4_06_p20_cell_NA | 641 | TACTCAAAATAAAATATGGGAAGCATATACTGAACATACCATCTCTATGCAAAAACATCTTGAAGGACACAGAAAGT | 720 |
| B_Florida_4_06_p20_egg_NA | 641 | TACTCAAAATAAAATATGGGAAGCATATACTGAACATACCATCTCTATGCAAAAACATCTTGAAGGACACAGAAAGT | 720 |
| B_Florida_4_06_parent_NA | 721 | BCCTGCAATTTGCATCGGGGAGATGTTTATCTATGATGAATGATGGCCAGCTTCAAGGATTAGTGAATGCAGATTCCT | 800 |
| B_Florida_4_06_p10_cell_NA | 721 | BCCTGCAATTTGCATCGGGGAGATGTTTATCTATGATGAATGATGGCCAGCTTCAAGGATTAGTGAATGCAGATTCCT | 800 |
| B_Florida_4_06_p10_egg_NA.seq | 721 | BCCTGCAATTTGCATCGGGGAGATGTTTATCTATGATGAATGATGGCCAGCTTCAAGGATTAGTGAATGCAGATTCCT | 800 |
| B_Florida_4_06_p20_cell_NA | 721 | BCCTGCAATTTGCATCGGGGAGATGTTTATCTATGATGAATGATGGCCAGCTTCAAGGATTAGTGAATGCAGATTCCT | 800 |
| B_Florida_4_06_p20_egg_NA | 721 | BCCTGCAATTTGCATCGGGGAGATGTTTATCTATGATGAATGATGGCCAGCTTCAAGGATTAGTGAATGCAGATTCCT | 800 |
| B_Florida_4_06_parent_NA | 801 | TAAGATTCGAGAGGGCGCAATAATAAAGAAATATTTCCAACAGGAAGATGAAACATCTGAGGAATGCACATCGGAT | 880 |
| B_Florida_4_06_p10_cell_NA | 801 | TAAGATTCGAGAGGGCGCAATAATAAAGAAATATTTCCAACAGGAAGATGAAACATCTGAGGAATGCACATCGGAT | 880 |
| B_Florida_4_06_p10_egg_NA.seq | 801 | TAAGATTCGAGAGGGCGCAATAATAAAGAAATATTTCCAACAGGAAGATGAAACATCTGAGGAATGCACATCGGAT | 880 |
| B_Florida_4_06_p20_cell_NA | 801 | TAAGATTCGAGAGGGCGCAATAATAAAGAAATATTTCCAACAGGAAGATGAAACATCTGAGGAATGCACATCGGAT | 880 |
| B_Florida_4_06_p20_egg_NA | 801 | TAAGATTCGAGAGGGCGCAATAATAAAGAAATATTTCCAACAGGAAGATGAAACATCTGAGGAATGCACATCGGAT | 880 |
| B_Florida_4_06_parent_NA | 881 | TGCCAGCAACAAACATAGAAATGTGCTTGTAGAGATAACAGTTACACAGCAAAAAGACCTTTGTCAAAATTAATGTG | 960 |
| B_Florida_4_06_p10_cell_NA | 881 | TGCCAGCAACAAACATAGAAATGTGCTTGTAGAGATAACAGTTACACAGCAAAAAGACCTTTGTCAAAATTAATGTG | 960 |
| B_Florida_4_06_p10_egg_NA.seq | 881 | TGCCAGCAACAAACATAGAAATGTGCTTGTAGAGATAACAGTTACACAGCAAAAAGACCTTTGTCAAAATTAATGTG | 960 |
| B_Florida_4_06_p20_cell_NA | 881 | TGCCAGCAACAAACATAGAAATGTGCTTGTAGAGATAACAGTTACACAGCAAAAAGACCTTTGTCAAAATTAATGTG | 960 |
| B_Florida_4_06_p20_egg_NA | 881 | TGCCAGCAACAAACATAGAAATGTGCTTGTAGAGATAACAGTTACACAGCAAAAAGACCTTTGTCAAAATTAATGTG | 960 |
| B_Florida_4_06_parent_NA | 961 | BAGACTGATACAGCGGAAATAAGATTTGATGTGCACAGAGACTTATTGGACACCCAGACCAAATGTGGAAGCATAC | 1040 |
| B_Florida_4_06_p10_cell_NA | 961 | BAGACTGATACAGCGGAAATAAGATTTGATGTGCACAGAGACTTATTGGACACCCAGACCAAATGTGGAAGCATAC | 1040 |
| B_Florida_4_06_p10_egg_NA.seq | 961 | BAGACTGATACAGCGGAAATAAGATTTGATGTGCACAGAGACTTATTGGACACCCAGACCAAATGTGGAAGCATAC | 1040 |
| B_Florida_4_06_p20_cell_NA | 961 | BAGACTGATACAGCGGAAATAAGATTTGATGTGCACAGAGACTTATTGGACACCCAGACCAAATGTGGAAGCATAC | 1040 |
| B_Florida_4_06_p20_egg_NA | 961 | BAGACTGATACAGCGGAAATAAGATTTGATGTGCACAGAGACTTATTGGACACCCAGACCAAATGTGGAAGCATAC | 1040 |
| B_Florida_4_06_parent_NA | 1041 | AGGGCCTTGCGAATCTGATGGGGCAAAAGGAGTGGAGGCTCAAGGGAGGATTTGTTTCATCAAGGAATGGCATCAAGA | 1120 |
| B_Florida_4_06_p10_cell_NA | 1041 | AGGGCCTTGCGAATCTGATGGGGCAAAAGGAGTGGAGGCTCAAGGGAGGATTTGTTTCATCAAGGAATGGCATCAAGA | 1120 |
| B_Florida_4_06_p10_egg_NA.seq | 1041 | AGGGCCTTGCGAATCTGATGGGGCAAAAGGAGTGGAGGCTCAAGGGAGGATTTGTTTCATCAAGGAATGGCATCAAGA | 1120 |
| B_Florida_4_06_p20_cell_NA | 1041 | AGGGCCTTGCGAATCTGATGGGGCAAAAGGAGTGGAGGCTCAAGGGAGGATTTGTTTCATCAAGGAATGGCATCAAGA | 1120 |
| B_Florida_4_06_p20_egg_NA | 1041 | AGGGCCTTGCGAATCTGATGGGGCAAAAGGAGTGGAGGCTCAAGGGAGGATTTGTTTCATCAAGGAATGGCATCAAGA | 1120 |
| B_Florida_4_06_parent_NA | 1121 | TGGAAGGTGGTACTCTCGAACGATGCTTAAACATAAAGAAATGGGATGGGACTGTATGAAAGTATGATGGAGACCA | 1200 |
| B_Florida_4_06_p10_cell_NA | 1121 | TGGAAGGTGGTACTCTCGAACGATGCTTAAACATAAAGAAATGGGATGGGACTGTATGAAAGTATGATGGAGACCA | 1200 |
| B_Florida_4_06_p10_egg_NA.seq | 1121 | TGGAAGGTGGTACTCTCGAACGATGCTTAAACATAAAGAAATGGGATGGGACTGTATGAAAGTATGATGGAGACCA | 1200 |
| B_Florida_4_06_p20_cell_NA | 1121 | TGGAAGGTGGTACTCTCGAACGATGCTTAAACATAAAGAAATGGGATGGGACTGTATGAAAGTATGATGGAGACCA | 1200 |
| B_Florida_4_06_p20_egg_NA | 1121 | TGGAAGGTGGTACTCTCGAACGATGCTTAAACATAAAGAAATGGGATGGGACTGTATGAAAGTATGATGGAGACCA | 1200 |
| B_Florida_4_06_parent_NA | 1201 | TGGACTGACAGTGAAGCCCTTGCTCTTAGTGGAGTAAATGTTTCGATGGAAGAACCTGGTGGTATTCCTTTGGCTTCGA | 1280 |
| B_Florida_4_06_p10_cell_NA | 1201 | TGGACTGACAGTGAAGCCCTTGCTCTTAGTGGAGTAAATGTTTCGATGGAAGAACCTGGTGGTATTCCTTTGGCTTCGA | 1280 |
| B_Florida_4_06_p10_egg_NA.seq | 1201 | TGGACTGACAGTGAAGCCCTTGCTCTTAGTGGAGTAAATGTTTCGATGGAAGAACCTGGTGGTATTCCTTTGGCTTCGA | 1280 |
| B_Florida_4_06_p20_cell_NA | 1201 | TGGACTGACAGTGAAGCCCTTGCTCTTAGTGGAGTAAATGTTTCGATGGAAGAACCTGGTGGTATTCCTTTGGCTTCGA | 1280 |
| B_Florida_4_06_p20_egg_NA | 1201 | TGGACTGACAGTGAAGCCCTTGCTCTTAGTGGAGTAAATGTTTCGATGGAAGAACCTGGTGGTATTCCTTTGGCTTCGA | 1280 |
| B_Florida_4_06_parent_NA | 1281 | ATAAAGAGATAAGAAATGTGATGCTCCCTGATTTGGGATAGAAATGGTACATGATGGTGGGAAACAGCTTGGCACTCAG | 1360 |
| B_Florida_4_06_p10_cell_NA | 1281 | ATAAAGAGATAAGAAATGTGATGCTCCCTGATTTGGGATAGAAATGGTACATGATGGTGGGAAACAGCTTGGCACTCAG | 1360 |
| B_Florida_4_06_p10_egg_NA.seq | 1281 | ATAAAGAGATAAGAAATGTGATGCTCCCTGATTTGGGATAGAAATGGTACATGATGGTGGGAAACAGCTTGGCACTCAG | 1360 |
| B_Florida_4_06_p20_cell_NA | 1281 | ATAAAGAGATAAGAAATGTGATGCTCCCTGATTTGGGATAGAAATGGTACATGATGGTGGGAAACAGCTTGGCACTCAG | 1360 |
| B_Florida_4_06_p20_egg_NA | 1281 | ATAAAGAGATAAGAAATGTGATGCTCCCTGATTTGGGATAGAAATGGTACATGATGGTGGGAAACAGCTTGGCACTCAG | 1360 |
| B_Florida_4_06_parent_NA | 1361 | CAGCAACAGCCATTACTGTTTAATGGGCTCAGGACAACTGCTGGGACACTGTACAGGTTGTGATATGGCTCTGTAA | 1440 |
| B_Florida_4_06_p10_cell_NA | 1361 | CAGCAACAGCCATTACTGTTTAATGGGCTCAGGACAACTGCTGGGACACTGTACAGGTTGTGATATGGCTCTGTAA | 1440 |
| B_Florida_4_06_p10_egg_NA.seq | 1361 | CAGCAACAGCCATTACTGTTTAATGGGCTCAGGACAACTGCTGGGACACTGTACAGGTTGTGATATGGCTCTGTAA | 1440 |
| B_Florida_4_06_p20_cell_NA | 1361 | CAGCAACAGCCATTACTGTTTAATGGGCTCAGGACAACTGCTGGGACACTGTACAGGTTGTGATATGGCTCTGTAA | 1440 |
| B_Florida_4_06_p20_egg_NA | 1361 | CAGCAACAGCCATTACTGTTTAATGGGCTCAGGACAACTGCTGGGACACTGTACAGGTTGTGATATGGCTCTGTAA | 1440 |
| B_Florida_4_06_parent_NA | 1441 | TGGAGGAATGGTGTAGTCTGTTCTAAACCCCTTTGTTCCATTGTTTGTGAACAAATGTCTTACTGAGCTTAATGTGTTT | 1520 |
| B_Florida_4_06_p10_cell_NA | 1441 | TGGAGGAATGGTGTAGTCTGTTCTAAACCCCTTTGTTCCATTGTTTGTGAACAAATGTCTTACTGAGCTTAATGTGTTT | 1520 |
| B_Florida_4_06_p10_egg_NA.seq | 1441 | TGGAGGAATGGTGTAGTCTGTTCTAAACCCCTTTGTTCCATTGTTTGTGAACAAATGTCTTACTGAGCTTAATGTGTTT | 1520 |
| B_Florida_4_06_p20_cell_NA | 1441 | TGGAGGAATGGTGTAGTCTGTTCTAAACCCCTTTGTTCCATTGTTTGTGAACAAATGTCTTACTGAGCTTAATGTGTTT | 1520 |
| B_Florida_4_06_p20_egg_NA | 1441 | TGGAGGAATGGTGTAGTCTGTTCTAAACCCCTTTGTTCCATTGTTTGTGAACAAATGTCTTACTGAGCTTAATGTGTTT | 1520 |
| B_Florida_4_06_parent_NA | 1521 | TGAAAAAT 1528 | |
| B_Florida_4_06_p10_cell_NA | 1521 | TGAAAAAT 1528 | |
| B_Florida_4_06_p10_egg_NA.seq | 1521 | TGAAAAAT 1528 | |
| B_Florida_4_06_p20_cell_NA | 1521 | TGAAAAAT 1528 | |
| B_Florida_4_06_p20_egg_NA | 1521 | TGAAAAAT 1528 | |