| ex Minor | Intro | Genotype | Reported Name | PB2 | PB1 | PA | HA | NP | NA | M | NS | reassorted genes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A1 | A1 | EA 2.3.4.4b H5N1 (A1) | ea1 | ea1 | ea1 | ea1 | ea1 | ea1 | ea1 | ea1 | none |
| | A2 | A2 | EA 2.3.4.4b H5N1 (A2) | ea2 | ea2 | ea2 | ea2 | ea2 | ea2 | ea2 | ea2 | none |
| | A3 | A3 | EA 2.3.4.4b H5N1 (A3) | ea3 | ea3 | ea3 | ea3 | ea3 | ea3 | ea3 | ea3 | none |
| | A4 | A4 | EA 2.3.4.4b H5N1 (A4) | ea4 | ea4 | ea4 | ea4 | ea4 | ea4 | ea4 | ea4 | none |
| | A5 | A5 | EA 2.3.4.4b H5N1 (A5) | ea5 | ea5 | ea5 | ea5 | ea5 | ea5 | ea5 | ea5 | none |
| | A6 | A6 | EA 2.3.4.4b H5N5 (A6) | ea6 | ea6 | ea6 | ea6 | ea6 | ea6(N5) | ea6 | ea6 | fully Eurasian (**N5**) |
| | A1 | B1.1 | EA/AM 2.3.4.4b H5N1 (B1.1) | am1.1 | am1.1 | ea1 | ea1 | am1.2 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | B1.2 | EA/AM 2.3.4.4b H5N1 (B1.2) | am1.1 | am1.1 | am1 | ea1 | am1.2 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | B1.3 | EA/AM 2.3.4.4b H5N1 (B1.3) | am1.3 | am1.3 | am1.2 | ea1 | am1.2 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | B2.1 | EA/AM 2.3.4.4b H5N1 (B2.1) | am1.2 | ea1 | ea1 | ea1 | am1.1 | ea1 | ea1 | ea1 | PB2 NP |
| Minor03 | A1 | B2.2 | EA/AM 2.3.4.4b H5N1 (B2.2) | am1.2 | ea1 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.2 | PB2 NP NS |
| | A1 | B3.1 | EA/AM 2.3.4.4b H5N1 (B3.1) | am2.1 | ea1 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | B3.2 | EA/AM 2.3.4.4b H5N1 (B3.2) | am2.1 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor23 | A1 | B3.3 | EA/AM 2.3.4.4b H5N1 (B3.3) | am13 | am1.4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor21 | A1 | B3.4 | EA/AM 2.3.4.4b H5N1 (B3.4) | am4 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP |
| Minor22 | A1 | B3.5 | EA/AM 2.3.4.4b H5N1 (B3.5) | am3.2 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor20 | A1 | B3.6 | EA/AM 2.3.4.4b H5N1 (B3.6) | am5 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor49 | A1 | B3.7 | EA/AM 2.3.4.4b H5N1 (B3.7) | am2.2 | am4 | ea1 | ea1 | am4 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | B3.8 | EA/AM 2.3.4.4b H5N1 (B3.8) | am5 | am4 | ea1 | ea1 | am1.2 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor69 | A1 | B3.9 | EA/AM 2.3.4.4b H5N1 (B3.9) | am2.2 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor59 | A1 | B3.10 | EA/AM 2.3.4.4b H5N1 (B3.10) | am5 | am4 | ea1 | ea1 | am4 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor54 | A1 | B3.11 | EA/AM 2.3.4.4b H5N1 (B3.11) | am5 | am4 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor64 | A1 | B3.12 | EA/AM 2.3.4.4b H5N1 (B3.12) | am5 | am4 | ea1 | ea1 | am11 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| Minor72 | A1 | B3.13 | EA/AM 2.3.4.4b H5N1 (B3.13) | am2.2 | am4 | ea1 | ea1 | am8 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | B4.1 | EA/AM 2.3.4.4b H5N1 (B4.1) | am2.2 | ea1 | ea1 | ea1 | am1.3 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | B5.1 | EA/AM 2.3.4.4b H5N1 (B5.1) | ea1 | ea1 | ea1 | ea1 | am1.4.2 | ea1 | ea1 | ea1 | NP |
| | A2 | C1.1 | EA/AM 2.3.4.4b H5N1 (C1.1) | ea1 | am1.3 | ea1 | ea2 | ea1 | ea2 | ea1 | ea1 | PB1 |
| | A2 | C2.1 | EA/AM 2.3.4.4b H5N1 (C2.1) | am19 | am20 | am3 | ea2 | ea1 | ea2 | ea1 | ea1 | PB2 PB1 PA |
| Minor85 | A2 | C3.1 | EA/AM 2.3.4.4b H5N1 (C3.1) | am22 | am10 | ea1 | ea2 | am5 | ea2 | ea1 | am5 | PB2 PB1 NP NS |
| | A3 | D1.1 | EA/AM 2.3.4.4b H5N1 (D1.1) | am24 | ea3 | am4 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
| | A3 | D1.2 | EA/AM 2.3.4.4b H5N1 (D1.2) | am24 | ea3 | am5 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
| Minor96 | A3 | D1.3 | EA/AM 2.3.4.4b H5N1 (D1.3) | am24 | ea3 | am4 | ea3 | am13 | ea3 | ea3 | ea3 | PB2 PA NP |
| | A3 | D2.1 | EA/AM 2.3.4.4b H5N2 (D2.1) | am25 | ea3 | am4 | ea3 | am1.1 | am5(N2) | ea3 | ea3 | PB2 PA NP NA |
| | A1 | Minor01 | EA/AM 2.3.4.4b H5N1 (Minor01) | am1.1 | ea1 | ea1 | ea1 | am1.2 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | Minor04 | EA/AM 2.3.4.4b H5N1 (Minor04) | ea1 | ea1 | ea1 | ea1 | am1.1 | ea1 | ea1 | ea1 | NP |
| | A1 | Minor07 | EA/AM 2.3.4.4b H5N1 (Minor07) | am2.1 | ea1 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 NP NS |
| | A1 | Minor08 | EA/AM 2.3.4.4b H5N1 (Minor08) | am2.2 | ea1 | ea1 | ea1 | am1.6 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | Minor09 | EA/AM 2.3.4.4b H5N1 (Minor09) | ea1 | ea1 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | ea1 | NP |
| | A1 | Minor10 | EA/AM 2.3.4.4b H5N1 (Minor10) | am14 | ea1 | ea1 | ea1 | am1.6 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | Minor11 | EA/AM 2.3.4.4b H5N1 (Minor11) | am2.3.2 | ea1 | ea1 | ea1 | am1.5 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | Minor12 | EA/AM 2.3.4.4b H5N1 (Minor12) | ea1 | ea1 | ea1 | ea1 | am1.6 | ea1 | ea1 | ea1 | NP |
| | A1 | Minor13 | EA/AM 2.3.4.4b H5N1 (Minor13) | am1.2 | ea1 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | ea1 | PB2 NP |
| | A1 | Minor14 | EA/AM 2.3.4.4b H5N1 (Minor14) | am2.3.1 | am2 | am2 | ea1 | am2 | ea1 | ea1 | am1.3 | PB2 PB1 PA NP NS |
| | A1 | Minor15 | EA/AM 2.3.4.4b H5N1 (Minor15) | am2.1 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor16 | EA/AM 2.3.4.4b H5N4 (Minor16) | am2.2 | am6 | ea1 | ea1 | am3 | am1(N4) | ea1 | ea1 | PB2 PB1 NP **NA** |
| | A1 | Minor17 | EA/AM 2.3.4.4b H5N1 (Minor17) | am3.1 | ea1 | ea1 | ea1 | ea1 | ea1 | ea1 | ea1 | PB2 |
| | A1 | Minor18 | EA/AM 2.3.4.4b H5N1 (Minor18) | am3.3 | am2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.4 | PB2 PB1 NP NS |
| | A1 | Minor19 | EA/AM 2.3.4.4b H5N1 (Minor19) | am1.2 | am1.2 | ea1 | ea1 | am1.1 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor24 | EA/AM 2.3.4.4b H5N1 (Minor24) | am2.2 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |

| ex Minor | Intro | Genotype | Reported Name | PB2 | PB1 | PA | HA | NP | NA | M | NS | reassorted genes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A1 | Minor25 | EA/AM 2.3.4.4b H5N1 (Minor25) | am1.2 | am1.1 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.2 | PB2 PB1 NP NS |
| | A1 | Minor26 | EA/AM 2.3.4.4b H5N1 (Minor26) | am1.2 | am1.2 | ea1 | ea1 | am1.2 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor27 | EA/AM 2.3.4.4b H5N1 (Minor27) | am2.1 | ea1 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 NP NS |
| | A1 | Minor28 | EA/AM 2.3.4.4b H5N1 (Minor28) | am1.1 | am1.2 | ea1 | ea1 | am1.2 | ea1 | ea1 | am1.2 | PB2 PB1 NP NS |
| | A1 | Minor29 | EA/AM 2.3.4.4b H5N1 (Minor29) | am1.2 | am1.2 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor30 | EA/AM 2.3.4.4b H5N1 (Minor30) | am1.2 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor31 | EA/AM 2.3.4.4b H5N1 (Minor31) | am1.2 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor32 | EA/AM 2.3.4.4b H5N1 (Minor32) | am2.1 | am5 | ea1 | ea1 | am4 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor33 | EA/AM 2.3.4.4b H5N1 (Minor33) | am2.1 | am1.2 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor34 | EA/AM 2.3.4.4b H5N1 (Minor34) | am11 | am1.2 | ea1 | ea1 | am5 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor35 | EA/AM 2.3.4.4b H5N1 (Minor35) | am2.1 | am1.2 | ea1 | ea1 | am1.2 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor36 | EA/AM 2.3.4.4b H5N5 (Minor36) | am1.3 | am1.3 | am1.2 | ea1 | am1.2 | am2(N5) | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor37 | EA/AM 2.3.4.4b H5N1 (Minor37) | am15 | am6 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor38 | EA/AM 2.3.4.4b H5N1 (Minor38) | am6 | am7 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor39 | EA/AM 2.3.4.4b H5N1 (Minor39) | am7 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor40 | EA/AM 2.3.4.4b H5N1 (Minor40) | am1.2 | am8 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.2 | PB2 PB1 NP NS |
| | A1 | Minor41 | EA/AM 2.3.4.4b H5N1 (Minor41) | am10 | am9 | ea1 | ea1 | am6 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor42 | EA/AM 2.3.4.4b H5N1 (Minor42) | am11 | am10 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor43 | EA/AM 2.3.4.4b H5N1 (Minor43) | am1.2 | ea1 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 NP NS |
| | A1 | Minor44 | EA/AM 2.3.4.4b H5N1 (Minor44) | am2.2 | am1.2 | ea1 | ea1 | am7 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor45 | EA/AM 2.3.4.4b H5N1 (Minor45) | am12 | am11 | ea1b | ea1 | am1.3 | ea1 | ea1 | am1.2 | PB2 PB1 PA NP NS |
| | A1 | Minor46 | EA/AM 2.3.4.4b H5N1 (Minor46) | am8 | am12 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor47 | EA/AM 2.3.4.4b H5N1 (Minor47) | am9 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor48 | EA/AM 2.3.4.4b H5N1 (Minor48) | am1.3 | am1.3 | am1.2 | ea1 | am1.2 | ea1 | ea1 | am3 | PB2 PB1 PA NP NS |
| | A1 | Minor50 | EA/AM 2.3.4.4b H5N1 (Minor50) | am13 | am1.2 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor51 | EA/AM 2.3.4.4b H5N1 (Minor51) | am5 | am7 | ea1 | ea1 | am8 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor52 | EA/AM 2.3.4.4b H5N1 (Minor52) | am2.2 | am4 | am1 | ea1 | am4 | ea1 | ea1 | am1.1 | PB2 PB1 PA NP NS |
| | A1 | Minor53 | EA/AM 2.3.4.4b H5N1 (Minor53) | am2.2 | am4 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor55 | EA/AM 2.3.4.4b H5N1 (Minor55) | am5 | am13 | ea1 | ea1 | am9 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A2 | Minor56 | EA/AM 2.3.4.4b H5N6 (Minor56) | am16 | am2 | ea1 | ea2 | am1.1 | am3(N6) | ea1 | am4 | PB2 PB1 NP NA NS |
| | A2 | Minor57 | EA/AM 2.3.4.4b H5N1 (Minor57) | am17 | am14 | ea1 | ea2 | am10 | ea2 | ea1 | ea1 | PB2 PB1 NP |
| | A1 | Minor58 | EA/AM 2.3.4.4b H5N1 (Minor58) | am5 | am4 | ea1 | ea1 | am7 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor60 | EA/AM 2.3.4.4b H5N1 (Minor60) | am2.1 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor61 | EA/AM 2.3.4.4b H5N1 (Minor61) | am1.1 | am15 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor62 | EA/AM 2.3.4.4b H5N1 (Minor62) | am17 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor63 | EA/AM 2.3.4.4b H5N1 (Minor63) | am18 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A2 | Minor65 | EA/AM 2.3.4.4b H5N1 (Minor65) | am19 | ea2 | am3 | ea2 | ea1 | ea2 | ea1 | ea1 | PB2 PA |
| | A2 | Minor66 | EA/AM 2.3.4.4b H5N1 (Minor66) | ea1 | am13 | ea1 | ea2 | am9 | ea2 | ea1 | am1.2 | PB1 NP NS |
| | A2 | Minor67 | EA/AM 2.3.4.4b H5N1 (Minor67) | am17 | am16 | am1 | ea2 | am10 | ea2 | ea1 | ea1 | PB2 PB1 PA NP NS |
| | A1 | Minor70 | EA/AM 2.3.4.4b H5N1 (Minor70) | am5 | am1.3 | ea1 | ea1 | am1.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor71 | EA/AM 2.3.4.4b H5N1 (Minor71) | am5 | am17 | ea1 | ea1 | am8 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor73 | EA/AM 2.3.4.4b H5N1 (Minor73) | am20 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor74 | EA/AM 2.3.4.4b H5N1 (Minor74) | am6 | am4 | ea1 | ea1 | am1.6 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor75 | EA/AM 2.3.4.4b H5N1 (Minor75) | am19 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A1 | Minor76 | EA/AM 2.3.4.4b H5N1 (Minor76) | am2.2 | am18 | ea1 | ea1 | am4 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A2 | Minor77 | EA/AM 2.3.4.4b H5N1 (Minor77) | am11 | ea2 | ea1 | ea2 | ea1 | ea2 | ea1 | ea1 | PB2 |
| | A2 | Minor78 | EA/AM 2.3.4.4b H5N1 (Minor78) | am2.2 | ea2 | ea1 | ea2 | am11 | ea2 | ea1 | ea1 | PB2 NP |
| | A1 | Minor79 | EA/AM 2.3.4.4b H5N1 (Minor79) | am5 | am4 | ea1 | ea1 | am1.6 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
| | A2 | Minor80 | EA/AM 2.3.4.4b H5N1 (Minor80) | am7 | am10 | ea1 | ea2 | am5 | a2 | ea1 | am4 | PB2 PB1 NP NS |

| ex Minor | Intro | Genotype | Reported Name | PB2 | PB1 | PA | HA | NP | NA | M | NS | reassorted genes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | A2 | Minor81 | EA/AM 2.3.4.4b H5N1 (Minor81) | am19 | am14 | ea1 | ea2 | am10 | ea2 | ea1 | ea1 | PB2 PB1 NP |
|  | A1 | Minor82 | EA/AM 2.3.4.4b H5N1 (Minor82) | am21 | am4 | ea1 | ea1 | am1.4.1 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
|  | A1 | Minor83 | EA/AM 2.3.4.4b H5N1 (Minor83) | am5 | am18 | ea1 | ea1 | am1.5 | ea1 | ea1 | am1.1 | PB2 PB1 NP NS |
|  | A1 | Minor84 | EA/AM 2.3.4.4b H5N1 (Minor84) | am19 | am4 | ea1 | ea1 | am1.4.1 | ea4b | ea1 | am1.1 | PB2 PB1 NP NA NS |
|  | A2 | Minor86 | EA/AM 2.3.4.4b H5N1 (Minor86) | am2.2 | ea2 | ea1 | ea2 | am1.1 | ea2 | ea1 | ea1 | PB2 NP |
|  | A2 | Minor87 | EA/AM 2.3.4.4b H5N1 (Minor87) | am19 | am20 | am3 | ea2 | am1.1 | ea2 | ea1 | ea1 | PB2 PB1 PA NP |
|  | A2 | Minor89 | EA/AM 2.3.4.4b H5N1 (Minor89) | am19 | am20 | ea1 | ea2 | ea1 | ea2 | ea1 | ea1 | PB2 PB1 |
|  | A2 | Minor90 | EA/AM 2.3.4.4b H5N1 (Minor90) | am19 | am2 | am3 | ea2 | am5 | ea2 | ea1 | ea1 | PB2 PB1 PA NP |
|  | A2 | Minor91 | EA/AM 2.3.4.4b H5N1 (Minor91) | am19 | am20 | am3 | ea2 | am1.2 | ea2 | ea1 | ea1 | PB2 PB1 PA NP |
|  | A2 | Minor92 | EA/AM 2.3.4.4b H5N1 (Minor92) | am23 | ea2 | ea1 | ea2 | am10 | ea2 | ea1 | am1.2 | PB2 NP NS |
|  | A2 | Minor93 | EA/AM 2.3.4.4b H5N1 (Minor93) | am23 | ea2 | ea1 | ea2 | ea1 | ea2 | ea1 | ea1 | PB2 |
|  | A2 | Minor94 | EA/AM 2.3.4.4b H5N1 (Minor94) | am19 | am12 | am1 | ea2 | am12 | ea2 | ea1 | ea1 | PB2 PB1 PA NP |
|  | A3 | Minor95 | EA/AM 2.3.4.4b H5N1 (Minor95) | am26 | am21 | am6 | ea3 | ea3 | ea3 | am1 | ea3 | PB2 PB1 PA MP |
|  | A3 | Minor96 | EA/AM 2.3.4.4b H5N1 (Minor96) | am1.1 | ea3 | am4 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor97 | EA/AM 2.3.4.4b H5N1 (Minor97) | am24 | ea3 | am4 | ea3 | ea3 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor98 | EA/AM 2.3.4.4b H5N2 (Minor98) | am2.1 | ea3 | am7 | ea3 | am14 | am6(N2) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor99 | EA/AM 2.3.4.4b H5N1 (Minor99) | am27 | ea3 | am4 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor100 | EA/AM 2.3.4.4b H5N1 (Minor100) | am3.2 | ea3 | am4 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 NP NA |
|  | A3 | Minor101 | EA/AM 2.3.4.4b H5N9 (Minor101) | am24 | ea3 | am4 | ea3 | am11 | am7(N9) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor102 | EA/AM 2.3.4.4b H5N5 (Minor102) | am1.1 | ea3 | am8 | ea3 | am13 | am8(N5) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor103 | EA/AM 2.3.4.4b H5N1 (Minor103) | am27 | ea3 | ea3 | ea3 | ea3 | ea3 | ea3 | ea3 | PB2 |
|  | A3 | Minor104 | EA/AM 2.3.4.4b H5N1 (Minor104) | am1.1 | ea3 | am4 | ea3 | am13 | am4(N1) | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor105 | EA/AM 2.3.4.4b H5N1 (Minor105) | am2.2 | ea3 | am4 | ea3 | am13 | ea3 | ea3 | ea3 | PB2 PA NP NA |
|  | A3 | Minor106 | EA/AM 2.3.4.4b H5N1 (Minor106) | ea3 | ea3 | ea3 | ea3 | am11 | ea3 | ea3 | ea3 | NP |