Single-barcoding A/avian/11 A/avian/12 A/avian/17 A/avian/19 A/avian/20 A/avian/23 5 Sequencing Depth (log10) PB2 PB1 2000 2000 2000 2000 1000 2000 1000 1000 1000 2000 1000 1000 HA Genome position Dual-barcoding A/avian/11 A/avian/12 A/avian/17 A/avian/19 A/avian/20 A/avian/23 NS 3 2 0 2000 2000 1000 1000 2000 1000 2000 1000 1000 2000 1000 2000

Genome position