

Additional file 2 - Table S2. Results from the BLAST similarity searches

Results from the BLAST similarity searches of the full length nucleotide sequences from the five virus isolates (H3N8, H6N8, H9N2, H13N2 and H16N3) sequenced in this study. Sequence with maximum identities is shown in brackets and is coloured green for Eurasian avian-like and blue for Eurasian gull-like. Gull-like = H13 and H16, Avian-like = all subtypes except H13 and H16.

	PB2	PB1	PA	HA
H3N8	EU152234 (99) A/gull/Moscow/3100/2006 (H6N2)	CY060292 (99) A/mallard/Sweden/48/2002 (H11N9)	CY049771 (98) A/garganey/Altai/1213/2007 (H5N2)	JF682614 (99) A/mallard/Czech Republic/14516/2007 (H3N8)
H6N8	JF789607 (99) A/mallard/Czech Republic/13577-24K/2010 (H3N8)	DQ251450 (98) A/duck/Denmark/65047/04 (H5N2)	CY060438 (98) A/whitefronted goose/Netherlands 2/1999 (H6N2)	CY041402 (99) A/mallard/Netherlands/11/2007 (H6N5)
H9N2	HQ244427 (97) A/mallard/Czech Republic/15902-17K/2009 (H6N2)	GQ240811 (99) A/mute swan/Hungary/5973/2007 (H7N7)	JF682620 (99) A/mallard/Czech Republic/15902-18K/2009 (H11N9)	GU194481 (99) A/mallard/Switzerland/WV10708 05/2007 (H9N2)
H13N2	JF775477 (96) A/herring gull/Mongolia/454/2008 (H13N8)	GQ907300 (97) A/black headed gull/Mongolia/1756/2006 (H16N3)	GQ907299 (98) A/black headed gull/Mongolia/1756/2006 (H16N3)	GQ907318 (99) A/Mongolian gull/Mongolia/405/2007 (H13N6)
H16N3	EU030974 (97) A/shorebird/Delaware/168/06 (H16N3)	GQ907300 (97) A/black headed gull/Mongolia/1756/2006 (H16N3)	AY684883 (98) A/black-headed gull/Sweden/1/99 (H13N6)	FM179756 (96) A/herring gull/Norway/10_1623/2006 (H16N3)

Table S2 continues

	NP	NA	M	NS
H3N8	CY043835 (99) A/mallard/Netherlands/29/2 006 (H7N2)	JF682616 (99) A/mallard/Czech Republic/14516/2007 (H3N8)	GQ404573 (99) A/mallard Czech Republic/15307-17/2008	CY076972 (99) A/mallard/Netherlands/20/2005 (H12N8)
H6N8	CY043835 (99) (A/mallard/Netherlands/29/2 006 (H7N2)	FN773071 (99) A/Teal/Norway/10_1575/2007 (H3N8)	GQ404573 (99) A/mallard Czech Republic/15307-17/2008	HQ244411 (99) A/Anas crecca/Spain/1460/2008 (H7N9)
H9N2	CY029884 (97) A/sharp-tailed sandpiper/Australia/10/2004 (H11N9)	HM849013 (98) A/mallard/PT/27972-B139/2007 (H9N2)	CY021510 (99) A/quail/Italy/4610/2003 (H7N2)	EU580556 (98) A/Anas querquedula/Astrakhan/3091/2002 (H4N8)
H13N2	GU982292 (98) A/great black-headed gull/Atyrau/773/2004 (H13N6)	AJ574903 (96) A/Pekin duck/France/92/00 (H6N2)	GQ907319 (99) A/Mongolian gull/Mongolia/405/2007 (H13N6)	CY077004 (98) A/black-headed gull/Sweden/1/2005 (H13N8)
H16N3	CY043899 (98) A/shorebird/Delaware/224/2 006 (H13N9)	CY045385 (95) A/shorebird/Delaware/195/2006 (H16N3)	AY684908 (98) A/black-headed gull/Sweden/2/99 (H16N3)	GQ907298 (98) A/black headed gull/Mongolia/1756/2006 (H16N3)