

Supplementary Figure 1- Sequence conservation of HA2 peptide used in H5N1-SeroDetect with large number of H5N1 strains from 1997-2011 from different clades.

Supplementary figure 1

	10	20
HA2 Peptide in H5N1-SeroDetect	.....|.....|.....|.....|.....|.....
	DYPQYSEEARLKREEISGVKLESIGIYQI	
AAC32098 A/Hong Kong/481/97 19	.....N.....M.T...	
AAF74331 A/Hong Kong/486/97 19	.....N.....M.T...	
AAD21153 A/Hong Kong/486/97 19	.....N.....M.T...	
AAD21158 A/HongKong/97/98 1998	.....N.....M.T...	
ACZ48508 A/Hong Kong/378.1/200	.....N.....M.T...	
ABP51975 A/Hong Kong/213/2003	.....T...	
AAT39065 A/HK/212/03 2003// H	.....T...	
AAT39066 A/Hong Kong/213/2003	.....T...	
ABQ58979 A/Beijing/01/2003 200	.....T.N.....M.T...	
ADF83671 A/Vietnam/UT3028/2003	.....
AAS89004 A/Thailand/3{SP-83}/2	.....
AAV34704 A/Thailand/4{SP-528}/	.....
ABP51976 A/Viet Nam/1194/2004	.....
ABP51977 A/Viet Nam/1203/2004	.....
ABP51991 A/Thailand/Chaiyaphum	.....G.....	
ABU99108 A/Vietnam/1196/2004 2	.....
ABP51982 A/Thailand/16/2004 20	.....
ABE97624 A/Vietnam/CL01/2004 2	.....
AAT73273 A/Viet Nam/1194/2004	.....
ABX10515 A/Thailand/16/2004 20	.....
AAS65615 A/Thailand/1{KAN-1}/2	.....
AAS65618 A/Thailand/2{SP-33}/2	.....
ABE97627 A/Vietnam/CL20/2004 2	.....
ABE97628 A/Vietnam/CL26/2004 2	.....
ABE97629 A/Vietnam/CL36/2004 2	.....
ADL39522 A/Thailand/WRAIR1720H	.....
ADF83667 A/Vietnam/UT3040/2004	.....
ADF83662 A/Vietnam/HN30262IIIM	.....
BAE46949 A/Hanoi/30408/2005 20	.....K..G.....	
ABJ98523 A/Thailand/NKFE/2005	.....
ABJ98525 A/Thailand/NKNP/2005	.....
ABJ98527 A/Thailand/RPFE/2005	.....
ABJ98529 A/Thailand/RPNP/2005	.....
ABJ98531 A/Thailand/HA20/2005	.....
ABO10183 A/Viet Nam/JP4207/200	.....
ABO10184 A/Viet Nam/JP14/2005	.....

Supplementary figure 1 continued

ABO10187	A/Cambodia/JP52a/2005	.....
ABD28180	A/Anhui/1/2005 2005//	.....	T
ABD28181	A/Anhui/2/2005 2005//	.....	T
ABD28182	A/Guangxi/1/2005 2005	.....	T
ABE97631	A/Vietnam/CL105/2005	.....
ABD16284	A/Thailand/NK165/2005	.....
ABW06367	A/Indonesia/7/2005 20	N.....	T
ABW06377	A/Indonesia/6/2005 20	N.....	
ABC72655	A/Thailand/676/2005 2	.....
ABE97632	A/Vietnam/CL115/2005	.....	N
ABE97633	A/Vietnam/CL119/2005	.....
ABE97634	A/Vietnam/CL2009/2005	.....	N
ADG59048	A/Anhui/2/2005 2005//	.....	T
ADG59086	A/Guangxi/1/2005 2005	.....	T
ADG59080	A/Anhui/1/2005 2005//	.....	T
BAK20423	A/Cambodia/408008/200	.....
ADF83661	A/Vietnam/UT30408III/	.....	K
ABW06108	A/Indonesia/5/2005 20	N.....	T
ABP51969	A/Indonesia/5/2005 20	N.....	T
ABI36012	A/Indonesia/CDC7/2005	N.....	T
ADF83660	A/Vietnam/UT30850/200	.....	T
ABW06336	A/Indonesia/195H/2005	N.....	T
ACJ68613	A/Jiangxi/1/2005 2005	.....	T
ACJ68610	A/Fujian/1/2005 2005/	.....	T
ABI36043	A/Indonesia/CDC287T/2	N.....	T
ABD66293	A/Iraq/207-NAMRU3/200	.....	T
ABE01046	A/Egypt/2782-NAMRU3/2	.....	T
ABI34142	A/Guangzhou/1/2006 20	.....	T
ABK32775	A/Egypt/2763-NAMRU3/2	.....	T
ABK32776	A/Egypt/2783-NAMRU3/2	.....	T
ABR10842	A/China/2006 2006// H	.....	T
ABU53966	A/Egypt/2991-NAMRU3/2	.....	T
ABU53967	A/Egypt/2992-NAMRU3/2	.....	T

Supplementary figure 1 continued

ACT15332	A/Egypt/N03434/2009	2	.....
ACT15334	A/Egypt/N03438/2009	2	.....	T
ACT15336	A/Egypt/N03439/2009	2	.....	T
ACT15338	A/Egypt/N03450/2009	2	.....	T
ACT15340	A/Egypt/N04316/2009	2	.....	T
ACT15342	A/Egypt/N04394/2009	2	.....	T
ACT15343	A/Egypt/N04395/2009	2	.....	T
ACT15345	A/Egypt/N04396/2009	2	.....	T
ACT15347	A/Egypt/N04526/2009	2	.....
ACT15349	A/Egypt/N04527/2009	2	.....	T
ACT15351	A/Egypt/N04822/2009	2	.....
ACT15353	A/Egypt/N04823/2009	2	.....	T
ACT15355	A/Egypt/N04979/2009	2	.....
ACT15357	A/Egypt/N05056/2009	2	.....	T
ADG21410	A/Egypt/N05912/2009	2	.....	T
ADG21414	A/Egypt/N07908/2009	2	.....	T
ADG21416	A/Egypt/N08835/2009	2	.....	T
ADG21418	A/Egypt/N09174/2009	2	.....	T
ADG21420	A/Egypt/N09539/2009	2	.....	T
ADG21422	A/Egypt/N11981/2009	2	..... S	T
ADG21425	A/Egypt/N15262/2009	2	.....	T
ADG21427	A/Egypt/N00269/2010	2	.....	T
ADG21429	A/Egypt/N00270/2010	2	.....	T
ADG21431	A/Egypt/N01360/2010	2	..... R	T
ADG21433	A/Egypt/N01644/2010	2	.....	T
ADG21435	A/Egypt/N01982/2010	2	.....	T
ADG21439	A/Egypt/N02127/2010	2	.....	T
ADG21437	A/Egypt/N02038/2010	2	.....	T
ADG21441	A/Egypt/N02554/2010	2	.....	T
ADG21443	A/Egypt/N02770/2010	2	.....	T
ADG21445	A/Egypt/N03071/2010	2	.....	T
ADG21447	A/Egypt/N03072/2010	2	.....	T
ADG21449	A/Egypt/N04434/2010	2	.....	T
ADQ92372	A/Hong Kong/6841/2010		.. H	
AEA50985	A/Bangladesh/3233/201		..... S	