

Table 4. Distribution of epitope molecular structures by influenza strains

Subtype	Strains	Antibody			T Cell				Grand Total
		Linear Sequence	Conformational Sequence	Total	CD4	CD8	Undefined	Total	
H1N1	A/PUERTO RICO/8/34(H1N1))	10	5	15	22	85	8	115	130
	A/PUERTO RICO/8/34/MOUNT SINAI(H1N1))	1	6	7	6			6	13
	A/USSR/90/77(H1N1))	2	8	10	1			1	11
	A/WSN/33(H1N1))	4	2	6					6
	A/SWINE/NEW JERSEY/11/76(H1N1))		1	1					1
H1N9	A/NWS-G70C(H1N9))		1	1					1
H2N2	A/ANN ARBOR/6/60(H2N2))					1		1	1
	A/JAPAN/305/57(H2N2))				1	15		16	16
	A/OKUDA/57(H2N2))				7		2	9	9
H3N2	A/AICHI/2/68(H3N2))	2	2	4	1			1	5
	A/BANGKOK/1/79(H3N2))		1	1					1
	A/BEIJING/32/92(H3N2))				29			29	29
	A/HONG KONG(H3N2))				15			15	15
	A/HONG KONG/1/68(H3N2))					1		1	1
	A/HONG KONG/2/68(H3N2))					2		2	2
	A/MEMPHIS/1/71(H3N2))	6		6	9	1	1	11	17
	A/MEMPHIS/102/72(H3N2))				3	3		6	6
	A/MEMPHIS/31/98(H3N2))		6	6					6
	A/MEMPHIS/6/86(H3N2))	2		2					2
	A/NETHERLANDS/785E/90 (H3N2))					1		1	1
	A/NETHERLANDS/889/91 (H3N2))					1		1	1
	A/NT/60/68/(H3N2))				32	16	1	49	49
	A/PORT CHALMERS/1/73(H3N2))		7	7		1		1	8
	A/SHANGHAI/16/89(H3N2))					1		1	1
	A/TEXAS/1/77(H3N2))	2		2	2	4	4	10	12
	A/UDORN/307/72(H3N2))				1	3		4	4
	A/VICTORIA/3/75(H3N2))	32	8	40	1	1		2	42
	A/WUHAN/359/95(H3N2))	5		5					5
	A/X-31(H3N2))	11	35	46	38	27	78	143	189
	A/ARGENTINA/3779/94(H3N2))						1	1	1
	A/CHRIST_CHURCH/2/88(H3N2))						1	1	1
	A/CORDOBA/3278/96(H3N2))						1	1	1
	A/France/75/97(H3N2))						1	1	1
	A/NANCHANG/58/93(H3N2))						1	1	1
	A/NEW_YORK/15/94(H3N2))						1	1	1
	A/NEW_YORK/17/94(H3N2))						1	1	1
	A/OHIO/3/95(H3N2))						1	1	1
	A/SHANGDONG/5/94(H3N2))						1	1	1
	A/SWINE/HONG KONG/126/82(H3N2))						1	1	1
	A/SYDNEY/05/97-LIKE(H3N2))						1	1	1
	A/USSR/26/(H3N2))						1	1	1
	A/LOS_ANGELES/(H3N2))		5	5					5
	A/PHILIPPINES/2/82(H3N2))		1	1					1
	INFLUENZA A VIRUS H3N2	1		1	2	11	1	14	15
	H3N8	A/DUCK/UKRAINE/1/63(H3N8))		3	3				
H5N1	A/VIET NAM/1194/2004(H5N1))					2		2	2
H5N2	A/CHICKEN/PENNSYLVANIA/1370/83(H5N2))		1	1					1
	A/MALLARD DUCK/PA/10218/84(H5N2))		5	5					5
H5N9	A/TURKEY/ONTARIO/7732/66(H5N9))		5	5		1		1	6
H7N1	A/FPV/ROSTOCK/34(H7N1))		1	1	3			3	4
H7N7	A/SEAL/MASS/1/80(H7N7))		1	1					1
H9N2	A/SWINE/HONG KONG/9/98(H9N2))		2	2					2
H11N9	A/TERN/AUSTRALIA/G70C/75(H11N9))		10	10					10
H13N9	A/WHALE/MAINE/1/84(H13N9))		3	3					3
	A/NWS/33HA-A/TERN/AUSTRALIA/G70C/75NA)		1	1					1
	A/MEMPHIS/1/71H-A/BELLAMY/42N)					1	1	2	2
	STRAIN A/EQUINE/NEW MARKET/76)						1	1	1
	INFLUENZA A VIRUS	7	1	8	17	32	1	50	58