

G00X_comparisons_fig2_3_S22

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Comparison tables Figures 2, 3, and S22 for manuscript.

Table 1: Panel label check for figure 2 comparisons.

panel	y_label
A	Percent antigen-specific among $\text{IgG}^{\{+\}}$
B	Percent epitope-specific ($\text{KO}^{\wedge}\text{-Ag}^{\{++\}}$) among $\text{IgG}^{\{+\}}$
C	Percent $\text{IgG}^{\{+\}}\text{KO}^{\wedge}\text{-}$ among $\text{Ag}^{\{++\}}$
D	Number of IGHG sequences that are VRC01-class
E	Percent of VRC01-class sequences among IgG
F	Percent of IGHG sequences that are VRC01-class
G	Percent VRC01-class among eOD-specific IgG+ memory BCR sequences
H	%VRC01-classresponders

Table 2: Comparisons for figure 2

Week	Comparison	P-value	FDR
A			
-5	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	0.0111	0.0127
	G002 vs. G003	<0.0001	<0.0001
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.0047	0.0065
16	G001 vs. G002	0.0003	0.0006
	G001 vs. G003	0.8510	0.8510
	G002 vs. G003	0.0116	0.0127
21	G002 vs. G003	0.0027	0.0043
B			
-5	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	0.0305	0.0373
	G002 vs. G003	<0.0001	<0.0001
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.0214	0.0294
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	0.0028	0.0044
	G002 vs. G003	0.5544	0.5544
21	G002 vs. G003	0.3123	0.3435
C			
-5	G001 vs. G002	0.3742	0.4117
	G001 vs. G003	0.1140	0.1568
	G002 vs. G003	0.0078	0.0143
4	G001 vs. G002	0.0904	0.1420
8	G001 vs. G002	0.1398	0.1708
	G001 vs. G003	0.0062	0.0137
	G002 vs. G003	0.0029	0.0080
16	G001 vs. G002	0.6180	0.6180
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	<0.0001	<0.0001
21	G002 vs. G003	<0.0001	<0.0001
D			
-5	G001 vs. G002	0.3266	0.5443
	G002 vs. G003	0.7751	0.7751
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.4311	0.6159
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
21	G002 vs. G003	0.6881	0.7751
	G002 vs. G003	0.7697	0.7751
E			
-5	G001 vs. G002	0.6485	0.6485

		G001 vs. G003	0.4000	0.4889
		G002 vs. G003	0.5000	0.5500
4		G001 vs. G002	<0.0001	<0.0001
8		G001 vs. G002	<0.0001	<0.0001
		G001 vs. G003	<0.0001	<0.0001
		G002 vs. G003	0.0427	0.0671
16		G001 vs. G002	<0.0001	<0.0001
		G001 vs. G003	0.0021	0.0047
		G002 vs. G003	0.1377	0.1893
21		G002 vs. G003	0.0414	0.0671
F				
-5		G001 vs. G002	0.2942	0.4045
		G001 vs. G003	0.2765	0.4045
		G002 vs. G003	0.2500	0.4045
4		G001 vs. G002	0.0003	0.0016
8		G001 vs. G002	0.3915	0.4785
		G001 vs. G003	0.5423	0.5965
		G002 vs. G003	0.9934	0.9934
16		G001 vs. G002	0.0002	0.0016
		G001 vs. G003	0.1142	0.2512
		G002 vs. G003	0.0563	0.2065
21		G002 vs. G003	0.1028	0.2512
G				
-5		G001 vs. G002	0.1636	0.3600
		G001 vs. G003	0.4000	0.5500
		G002 vs. G003	0.2500	0.3964
4		G001 vs. G002	0.0072	0.0264
8		G001 vs. G002	0.8163	0.8163
		G001 vs. G003	0.6597	0.7257
		G002 vs. G003	0.5230	0.6392
16		G001 vs. G002	0.0005	0.0028
		G001 vs. G003	<0.0001	0.0005
		G002 vs. G003	0.2522	0.3964
21		G002 vs. G003	0.1138	0.3130
H				
-5		G001 vs. G003	1.0000	1.0000
		G002 vs. G001	1.0000	1.0000
		G002 vs. G003	1.0000	1.0000
4		G002 vs. G001	0.7229	1.0000
8		G001 vs. G003	0.6371	1.0000
		G002 vs. G001	0.4309	1.0000
		G002 vs. G003	0.2016	1.0000
16		G001 vs. G003	0.7885	1.0000
		G002 vs. G001	0.9111	1.0000
		G002 vs. G003	0.9196	1.0000
21		G002 vs. G003	0.5984	1.0000

Table 3: Panel label check for figure 3 comparisons.

panel	y_label
A	v_mutation_aa_heavy
B	v_mutation_aa_light
E	residues

Table 4: Comparisons for figure 3

Week	Comparison	P-value	FDR
A			
4	G001 vs. G002	0.0095	0.0170
8	G001 vs. G002	0.0004	0.0009
	G001 vs. G003	0.0002	0.0007
	G002 vs. G003	0.1439	0.1619
10	G001 vs. G003	0.0326	0.0486
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.9369	0.9369
21	G002 vs. G003	0.0378	0.0486
B			
4	G001 vs. G002	0.0011	0.0034
8	G001 vs. G002	0.0931	0.1397
	G001 vs. G003	0.0402	0.0724
	G002 vs. G003	0.2444	0.2921
10	G001 vs. G003	0.2596	0.2921
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	0.0003	0.0013
	G002 vs. G003	1.0000	1.0000
21	G002 vs. G003	0.0253	0.0570
E			
4	G001 vs. G002	0.9230	0.9230
8	G001 vs. G002	0.0017	0.0038
	G001 vs. G003	0.0002	0.0005
	G002 vs. G003	0.0081	0.0146
10	G001 vs. G003	0.3696	0.4157
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.2679	0.3673
21	G002 vs. G003	0.2857	0.3673

Table 5: Panel label check for figure 3 associated supp comparisons.

panel	y_label
nt_heavy_mutations	v_mutation_heavy
nt_light_mutations	v_mutation_light

Table 6: Comparisons for figure 3 associated supplement

Week	Comparison	P-value	FDR
nt_heavy_mutations			
4	G001 vs. G002	0.0404	0.0519
8	G001 vs. G002	0.0113	0.0172
	G001 vs. G003	0.0012	0.0036
	G002 vs. G003	0.1331	0.1497
10	G001 vs. G003	0.0115	0.0172
16	G001 vs. G002	<0.0001	<0.0001
	G001 vs. G003	<0.0001	<0.0001
	G002 vs. G003	0.9276	0.9276
21	G002 vs. G003	0.0061	0.0137
nt_light_mutations			
4	G001 vs. G002	0.0010	0.0031
8	G001 vs. G002	0.1420	0.2130
	G001 vs. G003	0.0648	0.1404
	G002 vs. G003	0.3592	0.4224
10	G001 vs. G003	0.3754	0.4224
16	G001 vs. G002	<0.0001	0.0002
	G001 vs. G003	0.0010	0.0031
	G002 vs. G003	0.7850	0.7850
21	G002 vs. G003	0.0780	0.1404

Table 7: Comparisons for figure S22 Panel A

Comparison	Mean 1	Mean 2	P-value	FDR
IGKV1-33				
G001 vs. G002	0.2906	0.3028	0.6075	0.7290
G001 vs. G003	0.2906	0.3370	0.0438	0.1167
G002 vs. G003	0.3028	0.3370	0.1059	0.2310
IGKV1-5				
G001 vs. G002	0.2428	0.2969	0.0077	0.0464
G001 vs. G003	0.2428	0.3001	0.0263	0.0875
G002 vs. G003	0.2969	0.3001	0.8962	0.9346
IGKV3-15				
G001 vs. G002	0.1998	0.1774	0.1272	0.2545
G001 vs. G003	0.1998	0.1403	<0.0001	<0.0001
G002 vs. G003	0.1774	0.1403	<0.0001	0.0008
IGKV3-20				
G001 vs. G002	0.1067	0.0958	0.3147	0.4797
G001 vs. G003	0.1067	0.0904	0.2406	0.4125
G002 vs. G003	0.0958	0.0904	0.6565	0.7503
IGLV2-11				
G001 vs. G002	0.0406	0.0240	0.0224	0.0875
G001 vs. G003	0.0406	0.0175	0.0007	0.0053
G002 vs. G003	0.0240	0.0175	0.0698	0.1676
IGLV2-14				
G001 vs. G002	0.0111	0.0145	0.3840	0.5421
G001 vs. G003	0.0111	0.0108	0.9346	0.9346
G002 vs. G003	0.0145	0.0108	0.3198	0.4797
IGLV2-23				
G001 vs. G002	0.0064	0.0081	0.4624	0.6165
G001 vs. G003	0.0064	0.0052	0.5567	0.7032
G002 vs. G003	0.0081	0.0052	0.0247	0.0875
Other				
G001 vs. G002	0.1019	0.0804	0.0292	0.0875
G001 vs. G003	0.1019	0.0988	0.8433	0.9200
G002 vs. G003	0.0804	0.0988	0.1425	0.2631

Table 8: Comparisons for figure S22 panels B, C, and F

Comparison	P-value	FDR
B		
G001 vs. G002	0.1901	0.5137
G001 vs. G003	0.3425	0.5137
G002 vs. G003	0.6212	0.6212
C		
G001 vs. G002	0.0214	0.0350
G001 vs. G003	0.0233	0.0350
G002 vs. G003	0.5907	0.5907
F		
G001 vs. G002	0.4046	0.4046
G001 vs. G003	0.0674	0.1011
G002 vs. G003	0.0083	0.0249