

G002_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 $\text{IgG}^{\wedge\{+\}}$
B	Percent epitope-specific ($\text{KO}^{\wedge}\text{-Ag}^{\wedge\{++\}}$) among $\text{IgG}^{\wedge\{+\}}$
C	Percent $\text{IgG}^{\wedge\{+\}}\text{KO}^{\wedge}\text{-}$ among $\text{Ag}^{\wedge\{++\}}$
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
	G002 vs. G003	<0.0001	<0.0001
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.0047	0.0054
16	G001 vs. G002	0.0003	0.0006
	G002 vs. G003	0.0116	0.0116
21	G002 vs. G003	0.0027	0.0036
B			
-5	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	<0.0001	<0.0001
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.0214	0.0285
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.5544	0.5544
21	G002 vs. G003	0.3123	0.3569
C			
-5	G001 vs. G002	0.3742	0.4277
	G002 vs. G003	0.0078	0.0155
4	G001 vs. G002	0.0904	0.1446
8	G001 vs. G002	0.1398	0.1864
	G002 vs. G003	0.0029	0.0078
16	G001 vs. G002	0.6180	0.6180
	G002 vs. G003	<0.0001	<0.0001
21	G002 vs. G003	<0.0001	<0.0001
D			
-5	G001 vs. G002	0.3266	0.6531
	G002 vs. G003	0.7751	0.7751
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.4311	0.6898
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.6881	0.7751
21	G002 vs. G003	0.7697	0.7751
E			
-5	G001 vs. G002	0.6485	0.6485
	G002 vs. G003	0.5000	0.5714
4	G001 vs. G002	<0.0001	<0.0001
8	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.0427	0.0683
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.1377	0.1835
21	G002 vs. G003	0.0414	0.0683
F			
-5	G001 vs. G002	0.2942	0.3922
	G002 vs. G003	0.2500	0.3922
4	G001 vs. G002	0.0003	0.0012

8	G001 vs. G002	0.3915	0.4474
	G002 vs. G003	0.9934	0.9934
16	G001 vs. G002	0.0002	0.0012
	G002 vs. G003	0.0563	0.1502
21	G002 vs. G003	0.1028	0.2056
G			
-5	G001 vs. G002	0.1636	0.3273
	G002 vs. G003	0.2500	0.3363
4	G001 vs. G002	0.0072	0.0288
8	G001 vs. G002	0.8163	0.8163
	G002 vs. G003	0.5230	0.5977
16	G001 vs. G002	0.0005	0.0041
	G002 vs. G003	0.2522	0.3363
21	G002 vs. G003	0.1138	0.3035
H			
-5	G002 vs. G001	1.0000	1.0000
	G002 vs. G003	1.0000	1.0000
4	G002 vs. G001	0.7229	1.0000
8	G002 vs. G001	0.4309	1.0000
	G002 vs. G003	0.2016	1.0000
16	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	0.0189
8	G001 vs. G002	0.0004	0.0011
	G002 vs. G003	0.1439	0.1727
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.9369	0.9369
21	G002 vs. G003	0.0378	0.0567
B			
4	G001 vs. G002	0.0011	0.0034
8	G001 vs. G002	0.0931	0.1397
	G002 vs. G003	0.2444	0.2933
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	1.0000	1.0000
21	G002 vs. G003	0.0253	0.0506
E			
4	G001 vs. G002	0.9230	0.9230
8	G001 vs. G002	0.0017	0.0051
	G002 vs. G003	0.0081	0.0162
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.2679	0.3428
21	G002 vs. G003	0.2857	0.3428

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	0.0606
8	G001 vs. G002	0.0113	0.0226
	G002 vs. G003	0.1331	0.1597
16	G001 vs. G002	<0.0001	<0.0001
	G002 vs. G003	0.9276	0.9276
21	G002 vs. G003	0.0061	0.0182
nt_light_mutations			
4	G001 vs. G002	0.0010	0.0031
8	G001 vs. G002	0.1420	0.2130
	G002 vs. G003	0.3592	0.4310
16	G001 vs. G002	<0.0001	0.0001
	G002 vs. G003	0.7850	0.7850
21	G002 vs. G003	0.0780	0.1560

Table 7: Comparisons for figure S22 for Panel A

Comparison	Mean 1	Mean 2	P-value	FDR
IGKV1-33				
G001 vs. G002	0.2906	0.3028	0.6075	0.6943
G002 vs. G003	0.3028	0.3370	0.1059	0.2420
IGKV1-5				
G001 vs. G002	0.2428	0.2969	0.0077	0.0619
G002 vs. G003	0.2969	0.3001	0.8962	0.8962
IGKV3-15				
G001 vs. G002	0.1998	0.1774	0.1272	0.2533
G002 vs. G003	0.1774	0.1403	<0.0001	0.0011
IGKV3-20				
G001 vs. G002	0.1067	0.0958	0.3147	0.4652
G002 vs. G003	0.0958	0.0904	0.6565	0.7003
IGLV2-11				
G001 vs. G002	0.0406	0.0240	0.0224	0.0934
G002 vs. G003	0.0240	0.0175	0.0698	0.1862
IGLV2-14				
G001 vs. G002	0.0111	0.0145	0.3840	0.5120
G002 vs. G003	0.0145	0.0108	0.3198	0.4652
IGLV2-23				
G001 vs. G002	0.0064	0.0081	0.4624	0.5691
G002 vs. G003	0.0081	0.0052	0.0247	0.0934
Other				
G001 vs. G002	0.1019	0.0804	0.0292	0.0934
G002 vs. G003	0.0804	0.0988	0.1425	0.2533

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

Comparison	P-value	FDR
B		
G001 vs. G002	0.1901	0.3801
G002 vs. G003	0.6212	0.6212
C		
G001 vs. G002	0.0214	0.0428
G002 vs. G003	0.5907	0.5907
F		
G001 vs. G002	0.4046	0.4046
G002 vs. G003	0.0083	0.0166