

		Doped					Undoped						
		R0	R1	R2	R3	R4	R0	R1+	R1-	R2+	R2-	R3+	R3-
Doped	R0	1.00	0.16	0.16	0.16	0.16	0.09	0.18	-0.03	0.18	0.11	0.16	0.16
	R1	0.16	1.00	0.91	0.86	0.75	0.24	0.76	-0.30	0.78	0.42	0.72	0.72
	R2	0.16	0.91	1.00	0.95	0.85	0.21	0.79	-0.35	0.86	0.37	0.81	0.76
	R3	0.16	0.86	0.95	1.00	0.94	0.17	0.75	-0.37	0.89	0.25	0.88	0.69
	R4	0.16	0.75	0.85	0.94	1.00	0.13	0.65	-0.34	0.84	0.11	0.90	0.53
Undoped	R0	0.09	0.24	0.21	0.17	0.13	1.00	0.36	0.41	0.21	0.42	0.16	0.27
	R1+	0.18	0.76	0.79	0.75	0.65	0.36	1.00	-0.27	0.86	0.66	0.76	0.87
	R1-	-0.03	-0.30	-0.35	-0.37	-0.34	0.41	-0.27	1.00	-0.40	0.04	-0.38	-0.32
	R2+	0.18	0.78	0.86	0.89	0.84	0.21	0.86	-0.40	1.00	0.34	0.94	0.81
	R2-	0.11	0.42	0.37	0.25	0.11	0.42	0.66	0.04	0.34	1.00	0.18	0.62
	R3+	0.16	0.72	0.81	0.88	0.90	0.16	0.76	-0.38	0.94	0.18	1.00	0.66
	R3-	0.16	0.72	0.76	0.69	0.53	0.27	0.87	-0.32	0.81	0.62	0.66	1.00

Figure 1 – figure supplement 1. Correlations between selection rounds. Pearson correlation for HLA-DR401 SARS-CoV-2 and SARS-CoV defined library members (+/- signs indicate enriched (+) or not enriched (-) yeast in undoped library; rounds of selection are indicated e.g. “R1” indicates “Round 1”, and “R0” is the unselected “Round 0” library).