

Supplementary Information

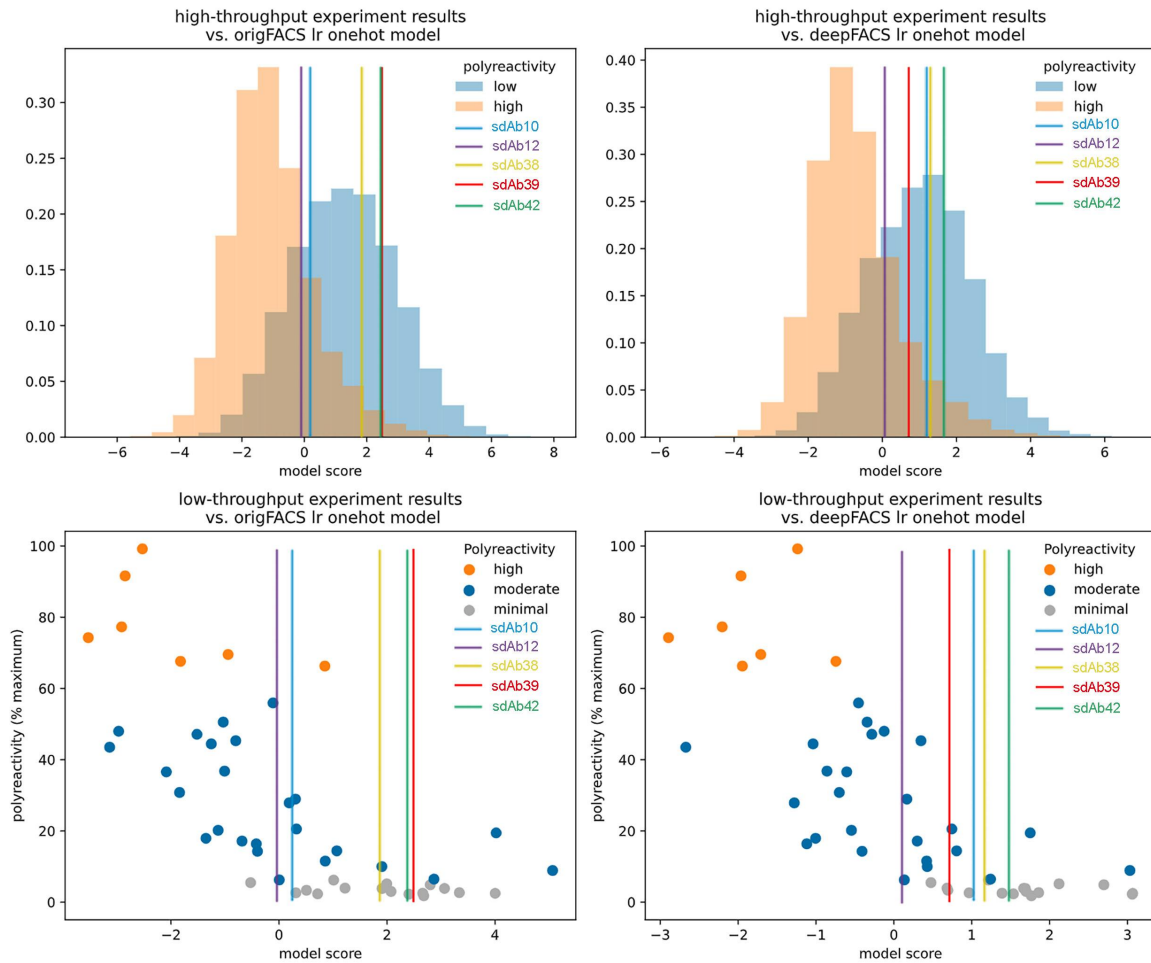


Figure S1. The predicted polyreactivity of the SARS-CoV-2 RBD sdAbs. A high score indicates low predicted polyreactivity, whereas a low score indicates increased polyreactivity.

Table S1. The model scores of the SARS-CoV-2 RBD sdAbs

ID	CDR1	CDR2	CDR3	Model score	
				origFACS lr onehot model	deepFACS lr onehot model
sdAb10	NTFPART	LVASIGPGRST	VAYTSG LALRGSFSY	0.24	1.03
sdAb12	NTFPART	LVASIGRGEIT	APAHGSWMSRRPHIY	-0.13	0.06
sdAb38	NTSTRHP	LVASIGRGEIT	VCLR S V F V N C H N F A Y	1.89	1.13
sdAb39	NTSTRHP	LVASIGRGEIT	AFVDFLSRHNSRRPYPHGY	2.49	0.71
sdAb42	NTSTRHP	LVASIGRGEIT	VDAVFGGRHSH	2.41	1.43

Figure 2A

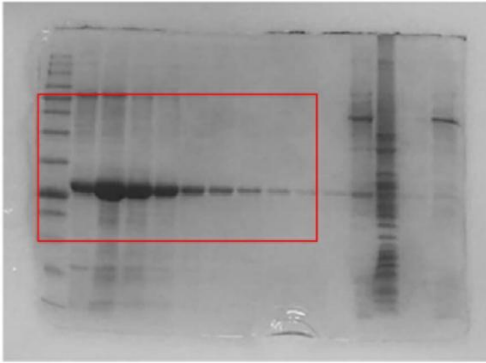


Figure 2B

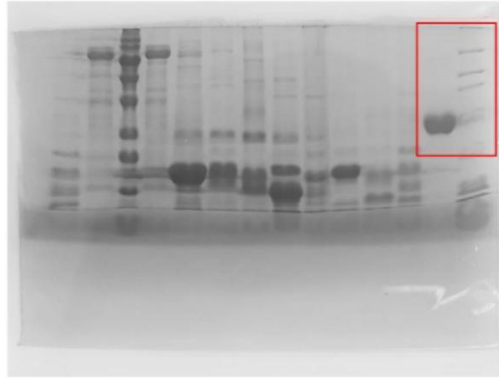


Figure 5D

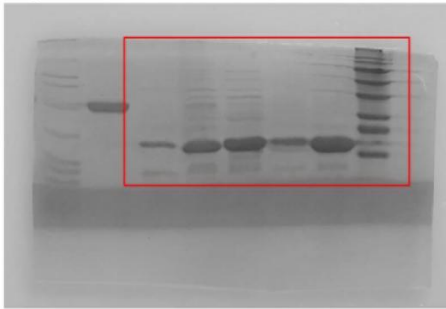


Figure 6A

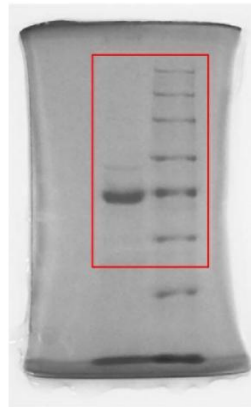


Figure S2. Uncropped gel images of Fig 2A/B, 5D, and 6A.