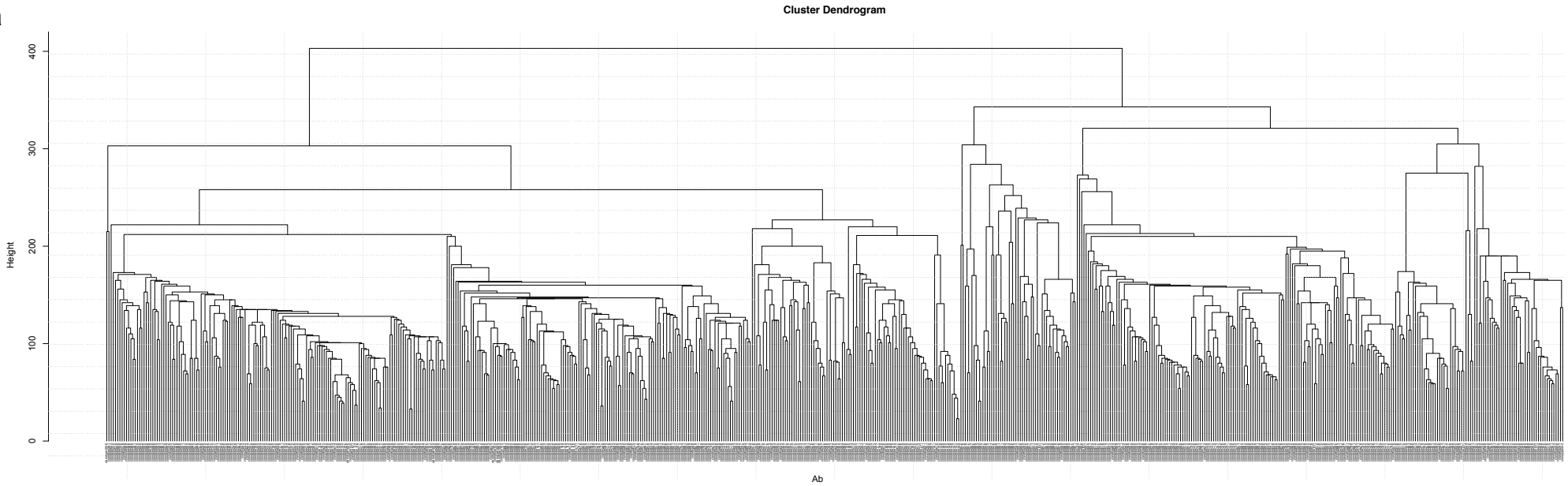
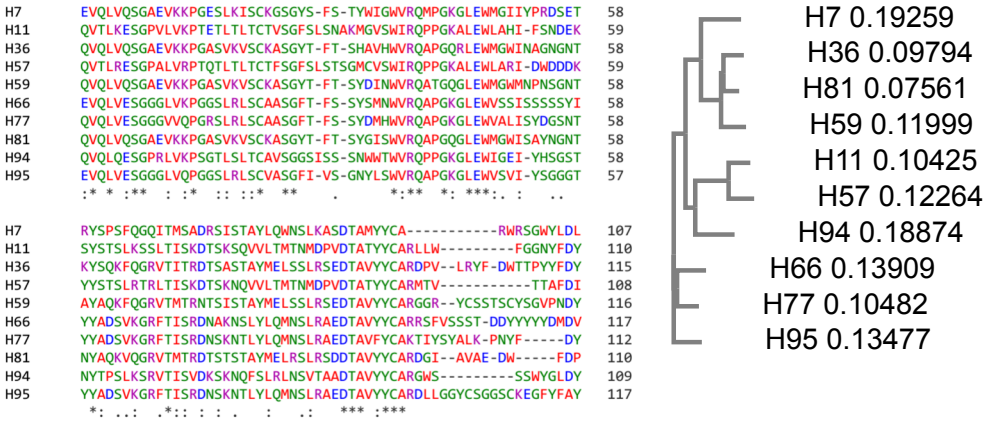


Supplementary Figure 1

a



b

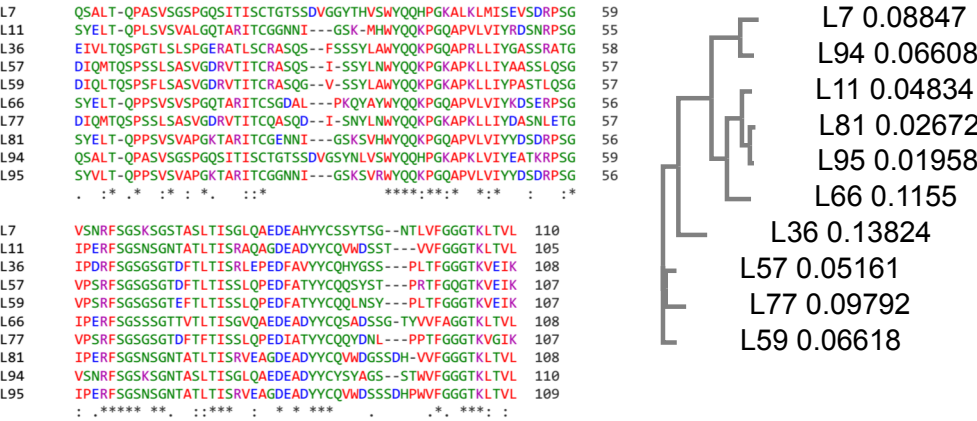


H7 WGRGSLTVSS 118
H11 WGQGLTVTVSS 121
H36 WGQGLTVTVSS 126
H57 WGQGLTVTVSS 119
H59 WGQGLTVTVSS 127
H66 WGQGLTVTVSS 128
H77 WGQGLTVTVSS 123
H81 WGQGLTVTVSS 121
H94 WGQGLTVTVSS 120
H95 WGQGLTVTVSS 128
,: : ***

d

antibody	germline	CDR3 loop
Ab7	IGHV5-51*01	ARWRSGWYLDL
Ab11	IGHV2-26*01	ARLLWFGNGYFDY
Ab36	IGHV1-3*01	ARDPVLRYFDWTTTPYYFDY
Ab57	IGHV2-70*15	ARMTVTTFADI
Ab59	IGHV1-8*02	ARGGRYCSSTSCSYGVPNDY
Ab66	IGHV3-21*04	ARRSFVSSSTDDYYYYYDMDV
Ab77	IGHV3-33*03	AKTIYSYALKPNYFDY
Ab81	IGHV1-18*04	ARDGIAVAEDWFDP
Ab94	IGHV4-4*02	ARGWSSSWYGLDY
Ab95	IGHV3-53*02	ARDLLGGYCSGGCKEGFYFAY

c



Supplementary Figure 1. Sequence analysis of Spike-reactive antibodies

a The plot shows the result of hierarchical clustering of the light-chain and heavy-chain sequences of the clonotypes visualized as an unrooted dendrogram. **b** and **c** Heavy chain (b) and Light chain (c) sequence alignment (Clustal Omega) for the 10 Spike-reactive antibodies seen with ELISA. Phylogenetic analysis of the variable regions is also shown comparing the heavy and light chains. **d** Germline family distribution and CDR3 sequences for all 10 Spike-reactive antibodies.