Method acronym	Description	Scoring function	Parameter
FS	Full sphere neighbor count.	$FS(r,k)$	k
UHS	Upper half-sphere neighbor count defined as the half-sphere around the residues C-alpha atom containing the side-chain	$UHS(r,k)$	k
Ta	Count of neighbors with any atom within T distance from any atom of the query residue	$Ta(r,T)$	T
RSA	Relative surface accessibility	$RSA(r) = \dfrac{SA}{Max(SA)}$ SA = surface accessibility	None
HSE	Weighted upper and lower half-sphere as described in [22].	$HSE(r,k) = -0.5 * UHS(r,k) - 0.25 * DHS(r,k)$	k

Table S2. Overview of surface exposure measures. Different surface measures were tested and trained for their ability to discriminate epitope from non-epitope residues (for details see text).