

A	.908	.728	4e-2	.125	.196	.908	.562	.125	4e-2	.293	.125	.561	.415	.729	.562	.416	hydrophobic
V	.577	.481	.481	.577	.481	.417	.224	.577	.481	.184	.577	.184	.841	.224	.285	.338	
F	.598	.911	.059	.666	.276	.276	.126	.276	.598	.449	.836	.126	.393	.836	.836	.235	
P	.573	.207	.346	.346	.737	2e-3	.114	5e-5	2e-3	1e-4	3e-4	.346	4e-3	.134	.971	.385	
M	1e-2	.366	.366	.717	.717	2e-2	.637	.637	3e-2	.433	.366	.366	.961	.637	.433	.433	
I	.990	.155	.267	.585	.257	.793	.257	.155	.772	.408	.571	4e-2	.571	5e-2	.990	.793	
L	.084	.754	.136	.186	3e-5	.541	2e-2	.280	.882	6e-3	.541	.071	.541	.280	.312	.705	
D	.442	.750	.966	.185	.966	.442	.821	.089	.296	.185	.108	.389	.556	.389	.296	.821	charged
E	.476	.476	.127	.936	.327	.327	.384	.327	.936	.211	.936	.092	.545	.476	.158	.653	
K	.638	.730	.194	.842	.638	.538	.457	.457	.945	.243	.194	.730	.638	.638	.061	.243	
R	.793	.530	.974	2e-3	.240	.793	.793	.575	.575	.974	.389	.793	.793	.974	.215	.742	
S	.269	.990	.599	.578	.774	.166	.578	.774	.101	.990	2e-2	.269	.283	.176	.095	.425	polar
T	.498	.897	.069	.897	.673	2e-2	.485	.886	.673	5e-4	.328	.673	.886	.498	.121	.127	
Y	.234	.864	2e-2	.619	.872	.234	.402	.872	.234	.864	.402	.234	.619	.872	.872	.612	
H	.619	.237	.455	.237	.237	.740	.237	.939	.939	.166	.619	.939	.619	.740	.354	.939	
C	.997	.336	.345	.647	.997	.336	.139	.634	.345	.647	2e-2	.997	.997	2e-2	.139	.345	
N	.942	.597	.404	.193	.251	.820	.143	.251	.500	.710	.404	.193	.597	.326	.251	.500	
Q	.937	.281	.804	.281	.359	2e-2	.562	.206	.804	.460	.804	.206	3e-2	.684	.684	.460	
W	.810	.459	.459	.193	.197	.459	.197	.459	.197	.810	.055	.810	.197	.459	.452	.459	
G	.324	.324	.233	5e-2	.139	.823	.482	1e-3	.823	.621	.823	.643	.218	.324	.621	.218	
X	.717	.717	.752	.752	.752	.752	.752	.752	.717	.752	.752	.752	.752	.752	.752	.752	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	