

S7 Table: Binding of D1-B2 to peptide library PepLib3

Peptide nr	Amino acid sequence	RFU	Stdev
1	DDSPDLP(CML)L(CML)PDPNTLCDEF	30042	11855
2	<u>A</u> DDSPDLP(CML)L(CML)PDPNTLCDEF	56414	1112
3	D <u>A</u> SPDLP(CML)L(CML)PDPNTLCDEF	47876	4857
4	DD <u>A</u> PDLP(CML)L(CML)PDPNTLCDEF	49550	1076
5	DDSP <u>A</u> DLP(CML)L(CML)PDPNTLCDEF	57762	1056
6	DDSP <u>A</u> LP(CML)L(CML)PDPNTLCDEF	6926	1116
7	DDSPD <u>A</u> P(CML)L(CML)PDPNTLCDEF	54840	608
8	DDSPD <u>L</u> A(CML)L(CML)PDPNTLCDEF	51637	1600
9	DDSPDLP <u>A</u> L(CML)PDPNTLCDEF	2612	297
10	DDSPDLP(CML) <u>A</u> (CML)PDPNTLCDEF	61738	419
11	DDSPDLP(CML)L <u>A</u> PDPNTLCDEF	60168	581
12	DDSPDLP(CML)L(CML) <u>A</u> DPNTLCDEF	51099	2372
13	DDSPDLP(CML)L(CML) <u>P</u> APNTLCDEF	59487	377
14	LP(CML)L(CML)PDP	121	115
15	<u>P</u> DLP(CML)L(CML)P <u>D</u> PN	20529	353
16	<u>D</u> PLP(CML)L(CML)P <u>D</u> PN	688	90
17	PL <u>D</u> P(CML)L(CML)P <u>D</u> PN	737	92
18	PLP <u>D</u> (CML)L(CML)P <u>D</u> PN	501	32
19	<u>P</u> DLP(CML)L(CML) <u>D</u> PPN	21593	1188
20	<u>P</u> DLP(CML)L(CML)P <u>P</u> DN	46557	798
21	<u>P</u> DLP(CML)L(CML)P <u>P</u> ND	6007	105
22	PLP <u>D</u> (CML)L(CML) <u>D</u> PPN	207	35
23	PL <u>D</u> P(CML)L(CML)P <u>D</u> PN	28	1
24	<u>P</u> DLP(CML)L(CML)P <u>P</u> DN	48201	455
25	<u>D</u> PLP(CML)L(CML)P <u>P</u> ND	3270	598
26	<u>P</u> <u>E</u> LP(CML)L(CML)P <u>D</u> PN	1338	156
27	<u>P</u> DLP(CML)L(CML)P <u>E</u> PN	13599	630
28	<u>P</u> <u>E</u> LP(CML)L(CML)P <u>E</u> PN	391	44
29	PDLP(CML) <u>A</u> (CML)PDPN	20114	1128
30	PDLP(CML) <u>C</u> (CML)PDPN	51597	2291
31	PDLP(CML) <u>D</u> (CML)PDPN	20802	349
32	PDLP(CML) <u>E</u> (CML)PDPN	53449	373
33	PDLP(CML) <u>F</u> (CML)PDPN	53018	924
34	PDLP(CML) <u>G</u> (CML)PDPN	30667	1588
35	PDLP(CML) <u>H</u> (CML)PDPN	31201	32
36	PDLP(CML) <u>I</u> (CML)PDPN	53748	313
37	PDLP(CML) <u>K</u> (CML)PDPN	47701	1722
38	PDLP(CML) <u>L</u> (CML)PDPN	37306	1871
39	PDLP(CML) <u>M</u> (CML)PDPN	13406	741
40	PDLP(CML) <u>N</u> (CML)PDPN	14097	430
41	PDLP(CML) <u>P</u> (CML)PDPN	23624	203
42	PDLP(CML) <u>Q</u> (CML)PDPN	20492	1400
43	PDLP(CML) <u>R</u> (CML)PDPN	4	22
44	PDLP(CML) <u>S</u> (CML)PDPN	35401	2300
45	PDLP(CML) <u>T</u> (CML)PDPN	43528	1413
46	PDLP(CML) <u>V</u> (CML)PDPN	51308	3198
47	PDLP(CML) <u>W</u> (CML)PDPN	55166	793
48	PDLP(CML) <u>Y</u> (CML)PDPN	57157	530

49	DDSPDLP(CML)L(CML)PD <u>A</u> N TLCDEF	44210	754
50	DDSPDLP(CML)L(CML)PDP <u>A</u> TLCDEF	44558	197
51	DDSPDLP(CML)L(CML)PDPN <u>A</u> LCDEF	32132	1087
52	DDSPDLP(CML)L(CML)PDPNT <u>A</u> CDEF	21562	1538
53	DDSPDLP(CML)L(CML)PDPNTL <u>A</u> DEF	44990	1375
54	DDSPDLP(CML)L(CML)PDPNTL <u>C</u> ADEF	11624	882
55	DDSPDLP(CML)L(CML)PDPNTL <u>C</u> D <u>A</u> F	50981	1175
56	DSPDLP(CML)L(CML)PDPNTLCDE	50500	3261
57	SPDLP(CML)L(CML)PDPNTLCD	59204	579
58	PDLP(CML)L(CML)PDPNTLC	55390	563
59	DLP(CML)L(CML)PDPNTL	50525	1309
60	P(CML)L(CML)PDPN	3256	687
61	P(CML)L(CML)PDP	4718	774
62	P(CML)L(CML)PD	719	133
63	P(CML)L(CML)P	1389	147
64	(CML)L(CML)	2559	455
65	DDSPDLP(<u>SL</u>)L(<u>SL</u>)PDPNTLCDEF	-4	15
66	CML-BSA reductive amination (positive control)	35221	184
67	BSA (negative control)	40	48
68	CML-IgG, reductive amination (positive control)	17779	614
69	IgG (negative control)	20058	261