

**Training set of pairwise alignments for sequence alignment.**  
Alignments can be downloaded [here](#)

Chain A	ChainB	Length chain A	Length chain B	Structural overlap	Seq. Id (%)	RMSD
1mj4A	1awpA	79	86	86	29.33	1.7800
1dekA	4akeA	240	214	214	24.56	1.8400
1h6kZ	1m5oC	78	92	92	25.68	1.8800
1k5yS	1giyR	53	52	52	29.41	1.4200
1qjnA	1gpeB	562	587	587	25.78	1.6300
1lkfA	7ahlB	292	293	293	29.87	1.9900
1hv8A	1fuuB	353	369	369	29.74	1.8300
1f9fB	1jjhB	77	78	78	25.68	1.9100
1h92A	3semA	63	58	58	26.79	1.4300
1jjhA	1by9_	77	72	72	29.58	1.9000
1ju5C	2semA	60	58	58	29.82	1.9800
1k5xC	1jgqF	188	206	206	26.92	1.3500
1f9fA	2bopA	76	85	85	25.71	1.9800
1b33E	1f99K	160	162	162	26.75	1.8000
1nal1	1f73B	291	288	288	33.57	1.8100
2cp1_	1ldtT	227	223	223	37.44	1.8700
1aym2	2mev2	252	249	249	36.89	1.8800
1le6A	1poa_	123	118	118	32.17	1.9800
4bjlA	1yeiL	216	219	219	36.54	1.9500
1pvc1	1ayn1	279	285	285	38.80	1.8300
1a8q_	1broA	274	277	277	36.88	1.9900
1qq2A	1kygC	173	163	163	33.54	1.9800
1j7dB	1ayzC	149	153	153	35.81	1.8600
1ez4A	1gv1D	307	292	292	31.36	1.7700
1ea2A	1iskA	123	125	125	30.83	1.9700
1tpp_	1azzA	223	226	226	34.70	1.7100
1kx7A	1cc5_	81	83	83	38.96	1.9200
1kkll	1j6tB	87	85	85	33.73	1.1700
1adr_	2cro_	76	65	65	32.81	1.8800
1c9gA	1dthB	201	202	202	49.50	0.5200
1f7dB	1duc_	117	118	118	42.73	1.6000
1df3A	1gm6A	162	158	158	41.33	1.7600
3trx_	1ep8A	105	112	112	43.27	1.8200
1hdiA	1php_	413	394	394	43.96	1.9900
1rnfB	1a5q_	120	124	124	42.74	1.9800
1fzcC	1ltjB	301	298	298	42.80	1.8700
1lg2A	1e9lA	359	372	372	47.21	1.3000
1t1dA	3kvt_	100	103	103	45.12	1.8400
1jwiA	1c3aA	122	135	135	45.45	1.9200
1a5z_	1ez4D	312	318	318	40.97	1.8100
1ajsA	1tasB	412	401	401	45.98	1.2900
1zrn_	1aq6A	220	245	245	44.70	1.7500
1mucB	1chrA	360	370	370	40.90	1.3800
1tib_	1tia_	269	271	271	41.13	1.7500
1hpgA	4sgaE	187	181	181	57.06	1.7900
1cot_	1c2n_	121	116	116	56.52	1.4500

1indH	1ggcH	213	215	215	59.24	1.9400
1afh_	1bwoB	93	90	90	57.30	1.9200
1ejbA	1kz6A	168	147	147	54.86	1.6300
1a77_	1b43B	315	339	339	53.36	1.6800
1bqk_	1pmy_	124	123	123	53.28	0.8800
1fvuD	1c3aB	121	125	125	54.17	1.8000
#1gd8A	1kplL	105	114	114	59.80	1.4400
1kotA	1eo6B	119	117	117	57.39	1.5300
1gq2A	1gz4D	541	537	537	55.30	1.5800
2pfkA	1mtoH	301	319	319	57.53	0.9000
1jlvA	1jlvB	207	217	217	59.71	1.5700
1qtrA	1azwA	314	313	313	56.59	0.8200
1kkjA	1dfoB	405	417	417	59.20	1.4300
2fbjH	1adqH	220	225	225	65.04	1.9700
3bjlA	1mcdA	216	216	216	66.36	1.6600
3seb_	1i4pA	238	234	234	65.78	1.9800
1bsmB	1gn4C	201	198	198	62.94	0.8200
1do9A	1b5m_	94	84	84	61.45	1.6800
1mshA	1napA	72	66	66	60.00	1.9600
2tn4_	1cm4A	155	143	143	65.75	1.4100
1opgH	2mpaH	227	224	224	61.75	1.6200
1ayg_	1cor_	80	82	82	60.76	1.7800
1sm3H	1e4xl	211	217	217	69.00	1.9200
1gadO	1ihyD	330	333	333	63.80	1.0900
1pfmA	1tvxA	68	64	64	60.66	1.8300
1lo4H	1tetH	220	209	209	64.85	1.9100
1hfc_	1b3dB	157	173	173	61.54	1.1000
1den_	1dtk_	60	57	57	62.50	1.8600
1bueA	1dy6A	265	267	267	73.38	0.4600
1l58_	1cx6A	164	150	150	79.87	1.8900
1rtfB	1a5iA	242	265	265	76.92	1.8200
1bm3H	1bqlH	216	214	214	70.81	1.9900
1bijA	1fawC	141	141	141	70.50	1.4800
1a4yA	1dfjl	460	456	456	77.14	1.5000
1ao7E	1g6rD	209	237	237	70.05	1.9700
1ppa_	1qlIA	121	121	121	75.83	1.2100
1houH	1igmH	115	129	129	78.95	1.6400
1almC	1i84W	145	148	148	73.91	1.9100
1klcA	2tgi_	112	112	112	71.17	1.7000
1hq3C	1eqzG	95	120	120	79.79	1.8600
1cbs_	2cbrA	137	136	136	73.33	0.8400
1djsA	1cvsC	202	211	211	73.85	1.9400
1hbnB	1e6vE	442	436	436	70.11	0.7700
1ajsA	1aat_	412	411	411	82.68	1.2600
1cb9A	1tgxC	60	60	60	81.36	1.4900
1f4wH	1hyxH	216	224	224	84.04	1.5500
1c5cL	1dn0C	214	215	215	80.28	1.2000
1fuuA	1qvaA	206	213	213	85.22	1.5400
1e43A	1vjs_	483	469	469	86.46	1.0300
1lmkG	1plgL	238	215	215	85.59	0.5800
1f86B	1kgjC	115	121	121	80.00	1.3600
1c1yB	1guaB	77	76	76	84.00	1.7100
1aqa_	1f03A	84	82	82	88.61	1.2800

1fyxA	1o77E	145	137	137	87.31	1.9400
1f3hB	1m4mA	135	112	112	84.68	1.1400
1a0rP	1b9xC	188	168	168	88.48	1.6700
1rprA	1f4mE	63	53	53	82.69	1.4700
1ggxA	1g7kC	216	211	211	87.14	1.5800
3kar_	1f9tA	323	304	304	92.52	1.9200
1jz8B	1f49A	1011	1018	1018	99.21	0.5700
1dy7A	1aomA	434	439	439	99.08	0.1500
1auk_	1e2sP	480	481	481	99.37	0.3600
1ewkB	1issB	449	452	452	98.21	1.5100
1k0dB	1g6wD	231	259	259	97.81	1.8100
1qopA	1kfbA	265	255	255	96.43	1.3900
1jw9B	1jwaB	240	217	217	99.06	1.5900
1d8wA	1de6C	394	416	416	92.11	1.2600
1jl3C	1jl3D	121	124	124	92.50	1.3500
1qcrA	1bgyM	446	446	446	99.77	1.1900
1a7vB	1mqvB	125	123	123	97.54	0.7800
1d1aA	1lvk_	745	743	743	97.57	1.1500
1rnu_	1jvuB	116	124	124	98.25	1.9800
1g15A	1rdc_	141	155	155	94.20	1.7300