XP_023423580.1

C:1   A:1   PP-binding:C:2   A:2   PP-binding:3C:3

1   2560

Architecture 1

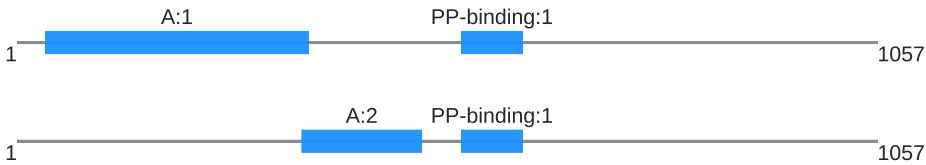|	from	to	i-eval	score
C:1	43	312	1.8e-29	93.5
A:1	483	937	7.6e-118	384.6
PP-binding:2	971	1038	7e-15	45.7
C:2	1073	1336	1.4e-59	192.3
A:2	1522	2000	1.9e-158	518.4
PP-binding:3	2037	2104	7.7e-20	61.6
C:3	2141	2421	2e-58	188.6

XP_023425183.1

A:1   PP-binding:1
1 ▐████████▌   ▐██▌   1075   **Architecture 1**

	from	**to**	**i-eval**	**score**
A:1	74	375	1.2e-17	54.2
PP-binding:1	590	663	8.8e-09	26.2

XP_023425329.1

	from	to	i-eval	score
A:1	36	357	4.8e-17	52.2
A:2	351	496	0.00052	9.2
PP-binding:1	547	620	5.2e-09	26.9

XP_023425337.1

KS:1 AT:1 PP-binding:1

1 2538

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	3	422	2.6e-171	560.8
AT:1	563	877	2.8e-90	293.6
PP-binding:1	2463	2532	8.1e-18	55.1

XP_023425441.1

Architecture 1

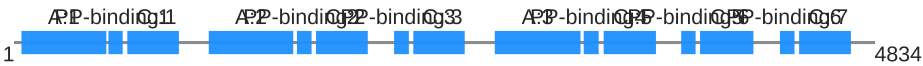|	from	to	i-eval	score
C:1	19	70	0.072	3.0
A:1	228	698	6.5e-148	483.7
PP-binding:1	736	804	9.8e-16	48.5
C:2	820	1127	4e-34	108.8
C:3	1309	1614	8.9e-58	186.4
A:2	1802	2308	1.1e-160	525.8
PP-binding:2	2347	2411	2e-19	60.3
C:4	2479	2756	1.7e-64	208.5
A:3	2950	3440	2.1e-143	468.9
PP-binding:3	3467	3535	1.8e-16	50.8
C:5	3582	3867	5.5e-57	183.8
A:4	4048	4529	1.1e-147	482.9
PP-binding:4	4559	4627	2.5e-21	66.4
C:6	4670	4948	4.6e-53	171.0

XP_023425869.1

PP-binding:2

1 ————————————————————————————— 1600   **Architecture 1**

	from	to	i-eval	score
PP-binding:2	1522	1589	1.1e-13	41.9

XP_023426270.1

Architecture 1

	from	to	i-eval	score
A:1	46	508	2.8e-132	432.1
PP-binding:1	535	600	1.1e-08	25.9
C:1	641	916	4.2e-55	177.6
A:2	1099	1559	2e-139	455.7
PP-binding:2	1595	1662	6.1e-13	39.5
C:2	1702	1978	1.2e-62	202.4
PP-binding:3	2141	2209	6e-14	42.7
C:3	2249	2523	1.1e-50	163.1
A:3	2707	3174	1.3e-138	453.0
PP-binding:5	3207	3276	1.3e-13	41.7
C:4	3319	3598	2.2e-55	178.5
PP-binding:6	3755	3821	5.7e-12	36.4
C:5	3861	4146	3.2e-65	210.8
PP-binding:7	4310	4377	6.8e-16	49.0
C:6	4418	4694	1.7e-48	156.0

XP_023426843.1

AT:1 KS:1 AT:2 PP-binding:1 PP-binding:2

1 2286

Architecture 1

	from	**to**	**i-eval**	**score**
AT:1	25	350	2.1e-27	87.1
KS:1	370	803	2.6e-154	504.8
AT:2	907	1205	2.1e-75	244.8
PP-binding:1	1642	1708	3.4e-12	37.1
PP-binding:2	1752	1819	4.1e-12	36.9

XP_023426902.1

PP-binding:1

1 ──────────────────────[████]────────────────── 552

Architecture 1

	from	**to**	**i-eval**	**score**
PP-binding:1	342	385	0.00018	12.4

XP_023427265.1

KS:1　　　　　AT:1　　　　　　　　　　　PP-binding:3

1　　　　　　　　　　　　　　　　　　　　　2410

Architecture 1

	from	to	i-eval	score
KS:1	59	477	4.4e-177	579.8
AT:1	610	926	4.6e-106	345.5
PP-binding:3	2333	2402	3.7e-14	43.4

XP_023427274.1

A:1

PP-binding:1

1

1036
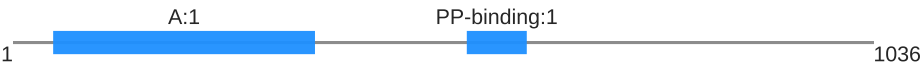
Architecture 1

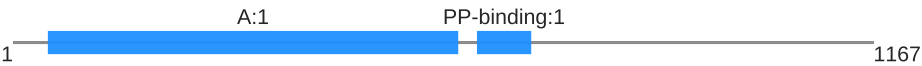|	**from**	**to**	**i-eval**	**score**
A:1	50	362	2.9e-15	46.3
PP-binding:1	548	617	6.1e-09	26.7

XP_023427367.1

Architecture 1

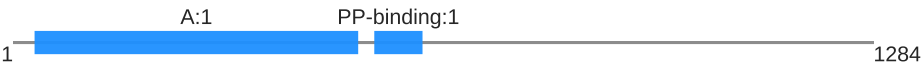|	from	to	i-eval	score
KS:1	6	418	5.9e-177	579.4
AT:1	525	839	4.4e-105	342.2
PP-binding:1	2388	2431	2.7e-11	34.2
C:1	2527	2822	4.9e-48	154.4
A:1	3010	3484	4.6e-116	378.7
PP-binding:2	3506	3575	6.7e-15	45.8

XP_023428008.1

A:1   PP-binding:1

1   1167   **Architecture 1**

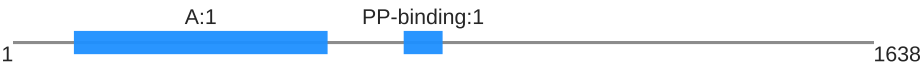|	**from**	**to**	**i-eval**	**score**
A:1	49	602	4.5e-104	339.1
PP-binding:1	631	701	1e-12	38.8

XP_023428553.1

A:1   PP-binding:1

1   1284   **Architecture 1**

	from	to	i-eval	score
A:1	34	513	4.3e-95	309.5
PP-binding:1	541	609	6.3e-14	42.7

XP_023428645.1

A:1   PP-binding:1

1   1638   **Architecture 1**

	from	**to**	**i-eval**	**score**
A:1	118	596	2.1e-37	119.3
PP-binding:1	746	815	3.1e-17	53.3

XP_023428681.1

C:1   A:1   PP-binding:1   **Architecture 1**

1   1226

	from	**to**	**i-eval**	**score**
C:1	8	94	1.7e-05	14.9
A:1	268	718	6.6e-127	414.4
PP-binding:1	755	825	3e-08	24.5

XP_023429714.1

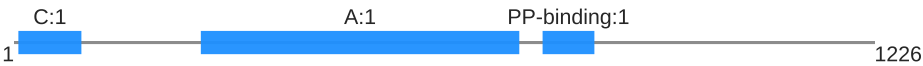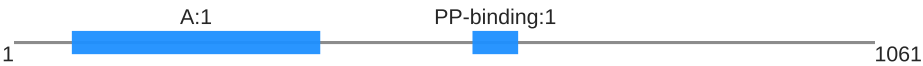A:1   PP-binding:1   Architecture 1

1   1061

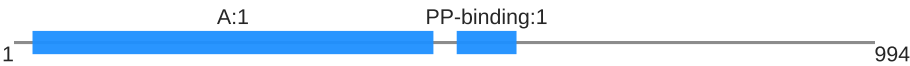|	from	to	i-eval	score
A:1	73	376	4.9e-17	52.1
PP-binding:1	567	620	1.7e-05	15.6

XP_023429959.1

KS:1 AT:1 PP-binding:2 C:1 A:1 PP-binding:3

1   4090

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	10	454	1.4e-178	584.8
AT:1	574	892	3e-99	323.1
PP-binding:2	2477	2547	5.8e-14	42.8
C:1	2672	2972	3.1e-51	164.9
A:1	3165	3656	3.2e-109	356.1
PP-binding:3	3686	3756	6e-16	49.1

XP_023430049.1

A:1   PP-binding:1
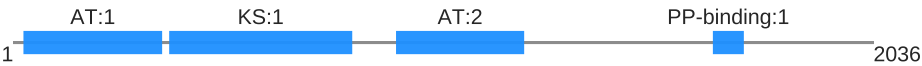
1   994   **Architecture 1**

	from	**to**	**i-eval**	**score**
A:1	23	483	4.4e-89	289.7
PP-binding:1	513	579	4.9e-10	30.2

XP_023430071.1

AT:1 KS:1 AT:2 PP-binding:1

1 2036

Architecture 1

	from	to	i-eval	score
AT:1	27	349	6.8e-22	69.0
KS:1	372	799	1.6e-153	502.2
AT:2	909	1206	1.2e-69	225.8
PP-binding:1	1659	1726	2.6e-13	40.7

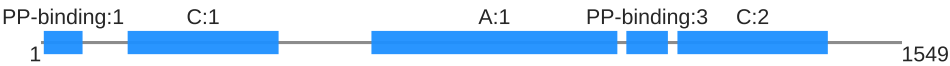# XP_023430243.1

Architecture 1

	from	to	i-eval	score
PP-binding:1	18	85	2.3e-09	28.1
C:1	245	534	2.1e-37	119.5
C:2	705	987	1.8e-53	172.3
A:2	1163	1636	1.4e-93	304.5
PP-binding:2	1680	1746	6.1e-11	33.1
C:3	1785	2058	3e-43	138.7

XP_023431540.1

PP-binding:1   C:1   A:1   PP-binding:3   C:2

1   1549   **Architecture 1**

	from	**to**	**i-eval**	**score**
PP-binding:1	7	72	2.5e-11	34.3
C:1	158	425	2.8e-40	129.0
A:1	597	1035	4.6e-114	372.1
PP-binding:3	1056	1126	5e-13	39.8
C:2	1148	1414	2.2e-31	99.8

XP_023432379.1

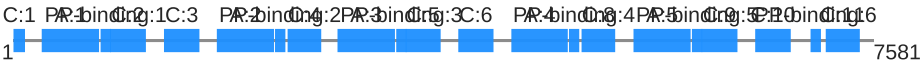KS:1 AT:1 PP-binding:2

Architecture 1

1 2351

	from	**to**	**i-eval**	**score**
KS:1	4	425	2.9e-183	600.2
AT:1	551	861	4.3e-86	279.9
PP-binding:2	2271	2340	3.6e-12	37.0

XP_023433861.1

C:1 PP-binding:1 C:2 C:3 A:2 PP-binding:2 PP-binding:3 C:6 A:4 PP-binding:4 PP-binding:5 PP-binding:6

1   7581

	from	to	i-eval	score
C:1	10	88	0.00016	11.7
A:1	259	741	3.3e-159	520.9
PP-binding:1	778	846	2.2e-16	50.5
C:2	861	1154	4.4e-37	118.5
C:3	1337	1626	1.9e-68	221.4
A:2	1803	2284	2.4e-161	528.0
PP-binding:2	2316	2384	8.8e-20	61.4
C:4	2427	2700	1.3e-71	231.8
A:3	2867	3350	9.6e-167	545.8
PP-binding:3	3385	3453	2e-15	47.4
C:5	3468	3753	3.1e-31	99.3
C:6	3932	4219	6e-71	229.6
A:4	4400	4874	4.1e-167	547.0
PP-binding:4	4908	4975	3.6e-21	65.9
C:8	5019	5292	1.7e-73	238.0
A:5	5477	5957	1.7e-160	525.1
PP-binding:5	5992	6060	2.2e-17	53.7
C:9	6077	6370	8.4e-41	130.7
C:10	6550	6840	1.5e-67	218.5
PP-binding:6	7038	7106	6.4e-14	42.6
C:11	7172	7449	1.6e-64	208.6

XP_023434455.1

KS:1   AT:1   PP-binding:1

1   2492

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	14	461	5e-184	602.7
AT:1	571	890	3.7e-105	342.5
PP-binding:1	2405	2475	1.1e-16	51.5

XP_023434581.1

PP-binding:1

1 ——— 132   **Architecture 1**

	from	**to**	**i-eval**	**score**
PP-binding:1	53	125	1.8e-06	18.8

XP_023434892.1

KS:1 AT:1 PP-binding:2 C:1 A:1 PP-binding:3

1   3935

Architecture 1

	from	to	i-eval	score
KS:1	7	437	2.1e-180	590.8
AT:1	549	867	4.2e-111	362.0
PP-binding:2	2381	2449	2.1e-14	44.2
C:1	2519	2812	1e-58	189.5
A:1	2997	3470	1.7e-117	383.4
PP-binding:3	3500	3572	3.5e-17	53.1

XP_023435338.1

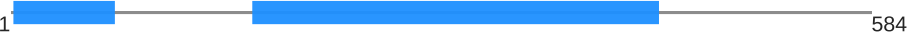|	from	to	i-eval	score
KS:1	11	438	1.1e-189	621.3
AT:1	548	863	2.2e-103	336.7
PP-binding:1	2376	2445	1.2e-15	48.2
C:3	2519	2807	3e-58	188.0
A:1	2994	3475	2.8e-121	395.9
PP-binding:2	3497	3566	1.4e-16	51.2

XP_023435956.1

Architecture 1

	from	to	i-eval	score
C:1	45	329	2.8e-38	122.4
A:1	514	993	2.8e-148	484.9
PP-binding:1	1025	1093	7.4e-17	52.0
C:2	1110	1405	3.1e-72	233.8
A:2	1591	2058	9.4e-118	384.2
A:3	2386	2486	6.6e-12	35.2
PP-binding:2	2513	2579	8.8e-13	39.0
PP-binding:3	2607	2673	1.9e-11	34.7
C:3	2722	3002	1.9e-57	185.4

XP_023435998.1

PP-binding:1   C:1   **Architecture 1**

1   584

	from	**to**	**i-eval**	**score**
PP-binding:1	3	70	6.3e-19	58.7
C:1	165	439	2.2e-37	119.5

XP_023436006.1

KS:1 AT:1 PP-binding:4

1 2580

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	31	449	3.5e-171	560.4
AT:1	606	912	1.6e-103	337.1
PP-binding:4	2486	2555	1.7e-14	44.5

XP_023436378.1

KS:1 AT:1 PP-binding:1

1 2484

Architecture 1

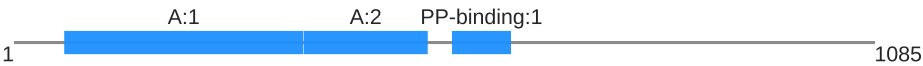|	**from**	**to**	**i-eval**	**score**
KS:1	48	462	3.8e-157	514.2
AT:1	561	866	5.8e-99	322.1
PP-binding:1	2404	2471	3.1e-15	46.8

XP_023436753.1

Architecture 1

	from	**to**	**i-eval**	**score**
A:1	243	730	2.3e-164	538.0
PP-binding:2	763	831	1.8e-16	50.8
C:2	876	1147	1.3e-79	258.0
A:2	1304	1520	6.5e-27	84.7
PP-binding:3	1553	1621	1.5e-21	67.1
C:3	1667	1939	5.1e-57	183.9

XP_023436908.1

A:1   A:2   PP-binding:1

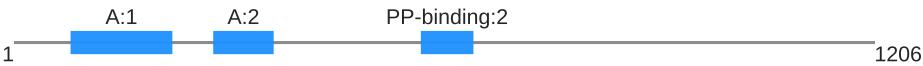1   1085   **Architecture 1**

	from	**to**	**i-eval**	**score**
A:1	65	363	2.4e-16	49.9
A:2	367	520	0.023	3.8
PP-binding:1	554	625	1.2e-06	19.3

XP_023437038.1

	from	to	i-eval	score
KS:1	40	296	6.1e-101	329.0
KS:2	295	422	1.2e-47	153.4
AT:1	536	854	2.8e-91	296.9
PP-binding:2	2312	2382	2.4e-13	40.8

XP_023437194.1

Architecture 1

	from	to	i-eval	score
A:1	81	220	4.6e-11	32.5
A:2	281	362	0.0055	5.8
PP-binding:2	572	642	1.2e-08	25.7

XP_023437239.1

KS:1   AT:1   PP-binding:1

1   2649

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	31	457	1.4e-188	617.7
AT:1	622	948	5.1e-111	361.7
PP-binding:1	2566	2634	5.1e-15	46.2

XP_023437753.1

Architecture 1

	from	**to**	**i-eval**	**score**
A:1	49	351	2.4e-11	33.4
PP-binding:1	573	643	0.00013	12.8

XP_023438002.1

PP-binding:1 C:1   PP-binding:2 C:2   C:3   PP-binding:3 C:4   C:5   PP-binding:4 C:6   A:4   PP-binding:5 C:7

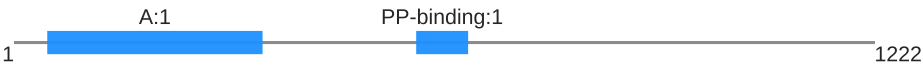1   5756

Architecture 1

	from	to	i-eval	score
PP-binding:1	6	74	4.9e-13	39.8
C:1	136	418	2.2e-52	168.7
A:1	596	1072	4.9e-154	503.9
PP-binding:2	1103	1171	1.6e-20	63.8
C:2	1190	1477	1.6e-37	120.0
C:3	1649	1935	3.9e-67	217.1
A:2	2117	2606	4.3e-157	513.9
PP-binding:3	2641	2707	1.4e-19	60.8
C:4	2722	3015	6.5e-36	114.7
C:5	3184	3465	2.6e-45	145.5
A:3	3646	4133	2e-153	501.9
PP-binding:4	4165	4233	1e-20	64.5
C:6	4284	4551	4.1e-75	243.3
A:4	4737	5220	1.2e-154	505.9
PP-binding:5	5253	5321	2e-20	63.5
C:7	5358	5631	6.2e-54	173.8

XP_023438013.1

KS:1　　　　　AT:1　　　　　　　　　　PP-binding:1　PP-binding:2

1　　　　　　　　　　　　　　　　　　　　　　　　　　　　2543

Architecture 1

	from	to	i-eval	score
KS:1	11	433	7.7e-170	556.0
AT:1	574	880	6.5e-84	272.7
PP-binding:1	2084	2125	0.06	4.3
PP-binding:2	2469	2537	3.4e-16	49.9

XP_023438054.1

KS:1   AT:1   PP-binding:1

1   2591

Architecture 1

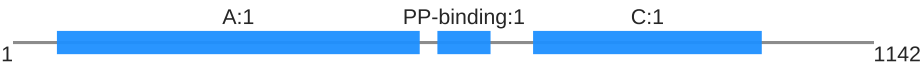|	**from**	**to**	**i-eval**	**score**
KS:1	9	431	1.6e-180	591.1
AT:1	574	894	9.5e-94	305.0
PP-binding:1	2509	2581	1.5e-12	38.3

XP_023438074.1

AT:1

PP-binding:1

1

1974

Architecture 1

	from	**to**	**i-eval**	**score**
AT:1	141	454	3.7e-97	316.2
PP-binding:1	1897	1963	2.4e-13	40.8

XP_023438099.1

A:1   PP-binding:1   C:1

1   1142   **Architecture 1**

	from	**to**	**i-eval**	**score**
A:1	60	538	6e-56	180.4
PP-binding:1	565	632	1.4e-07	22.4
C:1	692	992	9e-20	61.7

XP_023438100.1

KS:1 AT:1 PP-binding:1

1 2248

Architecture 1

	from	**to**	**i-eval**	**score**
KS:1	7	426	8.5e-148	483.4
AT:1	535	838	9.1e-58	186.8
PP-binding:1	1300	1369	7.4e-10	29.6