

Table S1. Datasets used for profile-optimizations and performance-tests in this study

(1) ValidNES dataset				(2) Sp-protein				(3) Artificial NESs			
(a) Test set (ValidNES-test)		(b) Training set for profiles		(a) Test set (Sp-test)	(b) Training set			(a) Positive dataset		(b) Negative dataset	
NES ACC	Protein ID (UniProt)	NES ACC	Protein ID (UniProt)	Protein ID (Pombase)	Protein ID (Pombase)			NES name	NES sequence	NES name	NES sequence
S001	P61925	S004	Q9W639	SPCC191.04c	SPAC704.07c	SPBC428.02c		class-1a-1	EKENTMEALFRRLRLR	class-1a-1	TMTWLIRWNFLRLGLL
S002	P04637	S007	P00520	SPAC664.13	SPBC21C3.19	SPAC19B12.08		class-1a-2	NTMGGFTSSLSRLHID	class-1a-2	NTMTRVLQWMLRELCLD
S005	O60716-18	S008	P14635	SPCC191.03c	SPBC484.12c	SPAC5H10.04		class-1a-3	EKENTMCDIMQNL.SLK	class-1a-3*	EKENTMLRTLTLWRLP
S006	P49138	S009	P60010	SPBC25H2.09	SPAC1142.09	SPAC17G6.04c		class-1a-4	NTMEDLCAMVAVLSVD	class-1a-4*	EKENTMIFPITLGLGR
S010	P60010	S013	Q05116	SPAC29B12.11c	SPBC660.09	SPBC12C2.04		class-1a-5	ENTMDVVQELAGFSLY	class-1a-5*	TMPSSLAELAGWDCN
S011	P05865	S014	P42566	SPBC557.02c	SPAC889.09	SPAC5H10.10		class-1a-6	ENTMTLGERLYQLMLE	class-1a-6	GGPSSLAELAGFDWN
S016	P38398	S015	P38398	SPBP4G3.03	SPCC18B5.09c	SPAC3F10.09		class-1a-7	NTMALYSERLAAASLD	class-1a-7	GGPSSLAELAGWDF
S017	Q04206	S019	Q01663	SPCC126.10	SPCC16A11.15c	SPAC24C9.03		class-1a-8	NTMLPNERLSLHSLD	class-1a-8	GGPSSLAELAGDCWN
S018	P41152	S021	Q14872	SPBC1A4.04	SPAC227.17c	SPCC13B11.04c		class-1a-9	KENTMLEVALRSRLRVC	class-1a-9	GGPSSLAELAGWDSN
S020	P42224	S025	O35973	SPAC25B8.10	SPAC227.05c	SPBC23G7.10c		class-1a-10	ENTMQVESGVSKLVLS	class-1a-10	GGPSSLAELAGFDON
S024	P13350	S027	P03243	SPBC839.14c	SPBC19C7.04c	SPCC1223.14		class-1a-11	NTMIDVVIGLAYLTL	class-1a-11	GGPSSLAELAGDCDN
S026	P10688	S029	P47973	SPBC3E7.07c	SPBC21C3.12c	SPAC25B8.13c		class-1a-12	ENTMGLWADF.AELSFA	class-1a-12	GGPSSFAELAGLDFN
S028	O35864	S030	P25963	SPBC119.03	SPCC285.04	SPAC5H10.10		class-1a-13	EKENTMLTAMDRLYIG	class-1a-13	GGPSSLAELAGLDFN
S032	Q14653	S031	P43487	SPBC21C3.10c	SPAC2C4.04c	SPAC1002.18		class-1a-14	EKENTMAEMLS.SSFALT	class-1a-14	GGPSSLAELAGLDWN
S034	Q15797	S033	O15350	SPAC4H3.08	SPAC366.05	SPCC1672.01		class-1a-15	NTMSTLSQHL.SRLSTD	class-1a-15	GGPSSLAELAGLDFN
S037	Q13485	S035	Q9BY84	SPBC3H7.12	SPBC13G1.06c	SPACUNK4.17		class-1a-16	NTMDELORVFCRLYVD	class-1a-16	GGPSSWAEKLAGLDCN
S039	P46934-4	S036	Q62074	SPCC1235.04c	SPAC11D3.04c	SPAC2G3.16		class-1a-17	EKENTMLGSLASLSLE	class-1a-17	GGPSSCAELKLAGDFN
S044	P25054	S038	P14373	SPAC2G11.04	SPAC22F8.03c	SPAC1556.08c		class-1a-18	ENTMPVIPS.LAPLSIR	class-1a-18	GGPSSCAELKLAGDCN
S051	Q00221	S042	P30309	SPBC1683.06c	SPCC191.08	SPBC0646.06c		class-1a-19	TMLFNFEKEITMLSLD	class-1a-19	GGPSSCAELKLAGDCN
S052	P54824	S043	P30309	SPCC1183.02	SPAC29B12.13	SPAC23H4.16c		class-1a-20	EKENTMAKDFVSLSLA	class-1a-20	GGPSSVAEKLFTLGIN
S060	Q91UL8	S047	Q9WT29	SPCC1442.16c	SPBC216.04c	SPAC10F8.13c		class-1a-21	KENTMVASRLAMLMLL	class-1a-21	GGPSSVAEKLTTLPIN
S073	P38861	S048	Q04377	SPBC18E5.05c	SPAC6F6.05	SPAC889.04		class-1a-22	NTMEALESNNRLCVD	class-1a-22	GGPSSVAEKLFPPLDN
S077	P56524	S053	O14746	SPCC1020.07	SPAC22G7.11c	SPCC11E10.07c		class-1a-23	NTMSITMLDLSALTLD	class-1a-23	GGPSSVAEKLDFLWN
S078	Q16254	S059	O54943	SPAC8E11.05c	SPBC19G7.18c	SPBC56F2.06		class-1a-24	KENTMCDLLTRLSCA	class-1a-24	GGPSSVAEKLWVLPIN
S079	Q16254	S076	Q9UQL6	SPAC1071.05	SPAC29A4.05	SPBC2G2.13c		class-1a-25	ENTMAVETLSCLAIA	class-1a-25	GGPSSVAEKLTLPLIN
S085	Q04360	S087	P0CA03	SPBC25B2.06c	SPBC405.05	SPBC354.15		class-1a-26	ENTMGILTDLAKLGA	class-1a-26	GGPSSVAEKLTLPLIN
S086	P0CA03	S091	Q94916	SPAC23H4.06	SPBC887.08	SPBC1271.04c		class-1a-27	NTMMCLOFGLAGLRD	class-1a-27	GGPSSVAEKLGPLPIN
S088	Q00401	S095	P08353	SPAC23H3.09c	SPBC146.08c	SPAC3H1.10		class-1a-28	EKENTMVQENKLKLS	class-1a-28	GGPSSVAEKLGPLGIN
S089	O60729	S097	P15336	SPBC4C3.09	SPAC16E8.03	SPAC1039.06		class-1a-29	ENTMGLAROV.SRLTIT	class-1a-29	GGPSSVAEKLSSLPIN
S090	O70201	S098	P16110	SPAC15E1.05c	SPAC821.10c	SPCC965.12		class-1a-30	NTMTLLANHLGHVTD	class-1a-30	GGPSSVAEKLHVLLIN
S092	P03409	S101	P17861	SPBC660.12c	SPAC29H5.10c	SPAC6B12.04c		class-1a-31	NTMATITEHLRTL.YMD	class-1a-31	GGPSSVAEKLAPLPIN
S093	P06748	S103	P20087	SPCC895.03c	SPBC2D10.03c	SPCC777.08c		class-1a-32	KENTMCCOTLNSLSVS	class-1a-32	GGPSSVAEKLPLN.DIN
S094	P06748	S105	P22363	SPAC4G8.06c	SPAC57A1.06c	SPBC21C3.11		class-1a-33	NTMLRTARELA.VLRD	class-1a-33	GGPSSVAEKLRYLPIN
S096	P11142	S108	P38483	SPAC4F8.07c	SPBC83.12	SPBC8E4.05c		class-1a-34	NTMQRLVELCSRFAD	class-1b-1*	FEGETMRVWQSRLTT
S099	P16727	S109	P42345	SPBC1539.07c	SPBC31F10.02	SPAC13G7.12c		class-1a-35	KENTMIGTFLRLHLS	class-1b-2*	KENTMNVKWLYDMHCN
S100	P16727	S111	P42345	SPBC2G2.16	SPAC56E4.02c	SPAC15A10.04c		class-1a-36	EKENTMSRSLAALT.R	class-1b-3*	ENTMERLWYTPGL.TCL
S102	P19508	S113	P50616	SPCC794.10	SPBC354.04	SPAP8A3.07c		class-1a-37	EKENTMTDR.LGLTLS	class-1b-4*	KENTMMLDAFWRLD.G
S104	P21952	S116	P97318-2	SPAC4F8.14c	SPBC18H5.15	SPAC1F8.04c		class-1a-38	KENTMLRSHL.GLSLTL	class-1c-1*	SSTMLWQAVPTGSFGLT
S106	P28289	S117	P97318-2	SPBP8B7.17c	SPAC1F12.02c	SPBC388.05		class-1a-39	KENTMVMQQLRGLSLG	class-1c-2	PSSELAELRPRLDIN
S107	P30021	S119	Q14145	SPCC757.07c	SPAC1783.06c	SPBC13G1.02		class-1a-40	NTMSTMQISFSQALVD	class-1c-3	PSSELAELKLOPLDIN
S110	P42345	S123	Q16236-2	SPAC22F3.10c	SPBC26H8.11c	SPBC1289.08		class-1a-41	NTMSRVDRFLQRLTLD	class-1c-4	PSSELAELKRLPLDIN
S112	P42858	S122	Q16236-2	SPBC21H7.07c	SPCC191.01	SPBC28F2.05c		class-1a-42	ENTMRDLDEAVWKLSLS	class-1c-5	PSSELAELKAWFLDIN
S114	P59636	S125	Q5EBH1	SPBC8D2.16c	SPCC16C4.16c	SPBC36.06c		class-1a-43	NTMCLLSERFGLRFD	class-1c-6	PSSELAELKPPVLDIN
S115	P67775	S127	Q61699	SPBC29A3.02c	SPAC227.04	SPCC576.14		class-1a-44	NTMKEKMGVLSACSFD	class-1c-7	PSSELAELKPLGLDIN
S118	Q02085	S129	Q8IXJ6	SPAC13C5.05c	SPCC1494.08c	SPAC889.02c		class-1a-45	ENTMRCEVFLGSLLOL	class-1c-8	PSSELAELKAPLDIN
S120	Q14494	S130	Q8K3Y6	SPBC21.02	SPCC417.04	SPAC12G12.11c		class-1a-46	NTMDELSTLFTIICD	class-1c-9	PSSELAELKPSPLDIN
S121	Q14678	S131	Q8N702	SPAC607.06c	SPAC926.03	SPBC428.11		class-1a-47	EKENTMLPKLRALALT	class-1c-10	PSSELAELKRPRLDIN
S124	Q18PE1	S132	Q95168	SPAC10F6.03c	SPAC186.06	SPAC821.05		class-1a-48	NTMAGLLTRFFSLAFD	class-1c-11	PSSELAELKRPRLDIN
S126	Q60795	S135	Q96J22	SPAC17A5.15c	SPBC36.10	SPAC630.07c		class-1a-49	NTMVDVVAGLQGVVALD	class-1c-12	PSSELAELKHPVLDIN
S128	Q6UB99	S137	Q9ET21	SPCC1259.11c	SPAC10F6.07c	SPBC367.10		class-1a-50	EKENTMVCKLALLSIS	class-1c-13	PSSELAELKLPGLDIN
S133	Q95168	S138	Q99152	SPBC15D4.15	SPAC8C9.16c	SPCC18.10		class-1a-51	EKENTMLTTFITMLNLS	class-1c-14	PSSELAELKAPLDIN
S134	Q95168	S139	Q99MU3	SPBPB2B2.08	SPAC29E6.05c	SPBC1778.03c		class-1a-52	NTMRSLSQARS.LTLD	class-1c-15	PSSELAELKRPPLDIN
S136	Q96721	S143	Q9GZK7	SPAC20H4.05c	SPAC15A10.07	SPACUNK4.10		class-1a-53	KENTMVMNMRMARLELS	class-1c-16	PSSELAELKAPLDIN
S140	Q9BRK4	S144	Q9HC62	SPAC7D4.05	SPCC24B10.03	SPBC106.11c		class-1a-54	NTMSQVWHRSQTLTD	class-1c-17	PSSELAELKAPGLDIN
S141	Q9EPW1	S150	Q9Y572	SPAC644.09	SPAC19G12.04	SPBC21C3.08c		class-1a-55	NTMGVLSLTRLRALGVD	class-1c-18	PSSELAELKAPGLDIN
S142	Q9EPW1	S151	Q9Z2A0	SPAC3C7.07c	SPAC4F10.19c	SPCC320.09		class-1a-56	ENTMEVANYLSLMLIN	class-1c-19	PSSELAELKAPGLDIN
S145	Q9PW68	S157	Q99AM3	SPAC20H4.06c	SPCC576.03c	SPAC21E11.06		class-1a-57	ENTMDVPISLDGLLLA	class-1c-20	PSSELAELKAPGLDIN
S146	Q9RI1A8	S158	Q9YZN9	SPCPJ732.02c	SPAC4G9.12	SPCC1393.13		class-1a-58	EKENTMCRQLAALGRD	class-1c-21	PSSELAELKAPGLDIN
S147	Q9UMX3	S161	P51587	SPBPB10D8.02c	SPAC5H10.05c	SPAC24H6.04		class-1a-59	NTMGVVEERIKRLVFD	class-2-1*	FEGETMMLPHASVAD
S148	Q9UNH5	S162	Q02880	SPBCPT2R1.03	SPCC4G3.17	SPCC1840.04		class-1a-60	NTMSGMEERLMALWLD	class-2-2*	KENTRSVLRLSLGAFD
S149	Q9Y572	S164	Q83414	SPCC483.06c	SPAC922.07c	SPCC392.10c		class-1a-61	NTMSQLQMRIEDLVMD		
S154	Q92398	S166	P05230	SPAC25H1.03	SPCC550.10			class-1a-62	ENTMDLAAPLQRLGIC		
S155	Q5GLC3	S169	P53686	SPBPB8B7.24c	SPAC806.04c			class-1a-63	NTMPSVTGALRQLSVD		
S159	P11388	S172	O15285	SPCC1919.07	SPCC1322.04			class-1a-64	EKENTMCHRFADLTLE		
S160	P11388	S173	O75398	SPBP35G2.02	SPAC1296.03c			class-1a-65	ENTMRARAAALSTME		
S163	Q68SB1-2	S176	P12272	SPACUNK4.15	SPAC8E11.01c			class-1a-66	NTMSQLQMRIEDLVMD		
S165	P02554	S177	P30022	SPBC215.02	SPAC22H10.08			class-1a-67	EKENTMDPSTGFRLRC		
S174	P03322	S178	P34078	SPCC1450.13c	SPAC22A12.16			class-1a-68	NTMHDIIVGLREVELD		
S175	P04406	S181	Q09728	SPAC21E11.04	SPCC417.12			class-1a-69	EKENTMDVJLIERWAD		
S180	P35232	S182	Q96AP0	SPAC26F1.06	SPBP8B7.21			class-1a-70	EKENTMLDAVNGVWLT		
S183	Q99704	S184	Q9BZL6	SPAC513.02	SPAC1805.10			class-1a-71	EKENTVTGALRQLSVD		
S196	Q43196	S185	Q9QY16	SPAC24H6.08	SPCC285.09c			class-1a-119	GGPSSCAEKLAGLDMN		
S198	Q9Y3M2	S186	Q9Y2W2	SPBC409.17c	SPCC550.07			class-1a-119-2	GGPSSLAELKAGDPLN		
S201	Q8VP12	S187	P46527	SPAC22E12.03c	SPAC9E9.06c			class-1a-166	PSSELAELKAGLDLN		
S202	O15519	S188	Q997F2	SPAC22H10.02	SPAC3F10.06c			class-1a-113	GGPSSLAELKAGLDCN		
S209	Q95613	S190	Q9HBL8	SPCC191.09c	SPAC323.06c			class-1a-113-2	GGPSSWAEKLAGLDLN		
S212	P03419	S191	P15336	SPAC4F10.20	SPCC14G10.04			class-1a-73	GGPSSVAEKLVTLSIN		
S213	Q01658	S192	Q86TB9	SPAC17A2.10c	SPAC1296.01c			class-1a-74	GGPSSVAEKLKSLAIN		
S214	Q9BZB8	S193	P78545	SPAC889.08	SPCC191.02c			class-1a-75	GGPSSVAEKLNVLSIN		
S216	Q82027	S194	P78545	SPCC965.07c	SPCC23B6.01c			class-1a-76	GGPSSVAEKLATLGIN		
S217	Q16665	S195	Q15172	SPAC644.08	SPBC2G5.05			class-1a-77	GGPSSVAEKLTYLIIN		
S220	Q24167	S197	Q01354	SPAC222.08c	SPAC19A8.15			class-1a-78	GGPSSVAEKLRYLRIN		
S223	P03116	S199	O08560	SPBC23E6.06c	SPCC1840.05c			class-1a-79	GGPSSVAEKLGIQIN		
S224	O15392	S203	P30291	SPCC576.02	SPAC9.09			class-1a-80	GGPSSVAEKLQDLKIN		
S225	O15392	S204	Q99612	SPAC1F7.10	SPBC1604.01			class-1a-81	GGPSSVAEKLKALLIN		
S231	Q14994	S205	Q95613	SPCP1E11.10	SPAC33G6.09c			class-1a-82	GGPSSVAEKLNALHIN		
S234	Q14674	S206	Q95613	SPAC5H10.02c	SPCC162.02c			class-1a-83	GGPSSVAEKLHALGIN		
S235	Q8BM00	S215	Q9BZB8	SPBC530.07c	SPAC3H1.02c			class-1a-84	GGPSSVAEKLQMLSIN		
S236	Q9UDY8	S219	P03372	SPAC31G5.05c	SPCC1494.07			class-1a-85	GGPSSVAEKLNTLSIN		
S239	Q42250	S221	Q24167	SPBC26H8.06	SPBC8D2.11			class-1a-86	GGPSSVAEKLJRLAIN		
S246	Q9H9S0	S222	Q14140	SPCC757.03c	SPBC336.10c			class-1a-87	GGPSSVAEKLKQLGIN		
S247	Q6NXT1	S228	P36328	SPAC13D6.03c	SPBC32F12.03c			class-1a-88			

S261 P40427
S262 P27987

SPAC922.06	SPAC1834.01	class-1a-x2	GGPSSVAEKLGLMIN
SPCC70.07c	SPBC1711.13	class-1a-x3	GGPSSVAEKLFLRIN
SPAC22A12.17c	SPBC1815.01	class-1a-x4	GGPSSVAEKLWL SIN
SPCC1739.08c	SPBC4F6.11c	class-1a-x5	GGPSSVAEKLVLNIN
SPAC227.14	SPBC32F12.10	class-1a-x6	GGPSSVAEKLGLRIN
SPCC330.05c	SPBC119.10	class-1a-x7	GGPSSVAEKLDVLVIN
SPAC15E1.10	SPCC1450.10c	class-1a-x8	GGPSSVAEKLVL SIN
SPBC839.17c	SPAC20G4.05c	class-1b-1	FEAGENTMRRFAGLQLE
SPBC106.15	SPCC16A11.03c	class-1b-2	FEMEQT VAGFLT LTLD
SPAC16E8.04c	SPAC13A11.06	class-1b-3	FEAGENTMDGFGALSLS
SPAC694.03	SPAC144.03	class-1b-4	FEAGENTMRLCRLMIS
SPBC17D11.03c	SPBC582.08	class-1b-5	FEAGENTMARLVNLAIV
SPCC965.09	SPAC56F8.10	class-1b-6	FEAGENTMRRRLTVIR
SPAC17C9.02c	SPBC15D4.09c	class-1b-7	FEAGENTMPDMSRLAIR
SPBC17G8.12c	SPCC1322.05c	class-1b-8	FEGPMNLDAFWRLDIG
SPAC2F3.05c	SPBP8B7.29	class-1b-9	FEAGENTMDQLRALDLN
SPBC21B10.08c	SPCC1020.13c	class-1b-10	NTMGOALRSMRSLSLD
SPBC3H7.10	SPBC1703.07	class-1c-1	KENTMSRYLLATALKLS
SPAC1B3.06c	SPBC1861.03	class-1c-2	ENTMLSYGIGHKLSLL
SPBC14F5.01	SPAP8A3.05	class-1c-3	NTMRLSAAFLKDLTID
SPCC1442.07c	SPBC23G7.05	class-1c-4	PSSELAEKL SAGLDLN
SPCC4G3.02	SPCC663.06c	class-1c-5	PSSELAEKL YMLDLN
SPAC5H10.08c	SPBC26H8.01	class-1c-6	PSSELAEKLGRGLDN
SPAC19G12.09	SPBC19C2.07	class-1c-7	PSSELAEKLGNL DLN
SPAC1D4.01	SPBC1A4.02c	class-1c-8	PSSELAEKLNSVLDLN
SPAC16E8.15	SPAC4D7.05	class-1c-9	PSSELAEKLRRVLDLN
SPBC3B9.01	SPC663.10	class-1c-10	PSSELAEKL FVNL DLN
SPBC337.10c	SPCPB16A4.06c	class-1c-11	PSSELAEKLRLGLDLN
SPAC23C11.05	SPAC212.02	class-1c-12	PSSELAEKLGEGLDLN
SPAC3A12.09c	SPAC5H10.03	class-1c-13	PSSELAEKLMTQLDLN
SPBC106.08c	SPAC977.15	class-1c-14	PSSELAEKLARRDLN
SPCC1223.09	SPBPB2B2.05	class-1c-15	PSSELAEKLAWFLDLN
SPCC16C4.10	SPAC12B10.13	class-1c-16	PSSELAEKL SMVLDLN
SPBC12C2.07c	SPAP32A8.02	class-1c-17	PSSELAEKL RGQLDLN
SPAC57A10.03	SPCPB16A4.05c	class-1c-18	PSSELAEKLRLRDLN
SPAC5H10.01	SPAPB24D3.06c	class-1c-19	PSSELAEKLQMSLDLN
SPBC23E6.03c	SPBC3F6.03	class-1c-20	PSSELAEKL EAGLDLN
SPBC12C2.12c	SPAC28F1.11	class-1c-21	PSSELAEKLHLGLDLN
SPBC215.10	SPAC29A4.12c	class-1c-22	PSSELAEKL VYMLDLN
SPAC824.07	SPBC887.01	class-1c-23	PSSELAEKLHAYLDLN
SPBC3B9.06c	SPAC4H3.06	class-1c-24	PSSELAEKLMLSLDLN
SPBC215.11c	SPBP4H10.12	class-1c-25	PSSELAEKL RMSLDLN
SPBC577.08c	SPAC9E9.15	class-1c-26	PSSELAEKLALRLDLN
SPBC6B1.03c	SPAC9G1.08c	class-1c-27	PSSELAEKLGCALDLN
SPCC320.06	SPBC216.03	class-1c-28	PSSELAEKLARELDLN
SPAC57A10.07	SPBC14C8.13	class-1c-29	PSSELAEKLKQELDLN
SPAC222.11	SPAC18B11.04	class-1c-30	PSSELAEKLRLRLDLN
SPCC4B3.18	SPAC13G7.06	class-1c-31	PSSELAEKLALGLDLN
SPAC637.08	SPAC607.04	class-1c-32	PSSELAEKLTKHLDLN
SPBC2D10.20	SPAC688.03c	class-1c-33	PSSELAEKL YVSLDLN
SPAC30C2.02	SPBC19G7.02	class-1c-34	PSSELAEKLHNLLDLN
SPAC15A10.05c	SPAC17A5.13	class-2-1	NTMADATVALRALAID
SPAC19G12.03	SPBC21D10.08c	class-2-2	NTMKTAGLAFTHLTLD
SPAC28F1.07	SPAC25B8.12c	class-2-3	ENTMSARYSLEKLSLG
SPAC4D7.06c	SPAC1687.21	class-2-4	KENTMTTLALHSLDLG
SPCC1020.06c	SPBC16G5.02c	class-2-5	NTMSLSTLTLDNLNCD
SPAC3H1.07	SPBC4B4.10c	class-2-6	EKENTMQFGLLSLD
SPAC1B3.01c	SPAC4H3.14c	class-2-7	FEAGENTMLAFRALRLA
SPAC23H3.15c	SPBC1711.11	class-2-8	FSGENTMQFOLLSLTD
SPBC8E4.04	SPBC25H2.15	class-2-9	EKENTATVALRALAID
SPAP27G11.09c	SPCC777.03c		
SPCC18B5.05c	SPAP27G11.08c		
SPAC1805.06c	SPAC6F12.13c		
SPAC24C9.14	SPCC4B3.05c		
SPCC63.06	SPAC343.14c		
SPCC63.07	SPAC144.04c		
SPCC830.10	SPAC139.04c		
SPAC186.02c	SPAC694.04c		
SPAC186.07c	SPCC569.07		
SPAC9E9.11	SPAC56E4.03		
SPAC823.14	SPBC2D10.05		
SPAC3A11.11c	SPBC1773.13		
SPCC1494.01	SPAC13G6.11c		
SPBC30D10.16	SPAC1F5.07c		
SPAC513.07	SPBC1198.08		
SPCC1393.09c	SPAC30C2.08		
SPACUNK4.09	SPCC1442.09		
SPCC13B11.03c	SPAC3G9.11c		
SPAC1F7.12	SPAC186.09		
SPAC8E11.04c	SPBC418.01c		
SPAC1039.03	SPBC19C7.08c		
SPBP4H10.17c	SPBC1711.12		
SPBP35G2.04c	SPBC24C6.09c		
SPAC1F7.09c	SPAP27G11.12		
SPBC18E5.01	SPAC22F8.11		
SPCC1223.02	SPCC1672.06c		
SPCC4G3.03	SPAPB24D3.08c		
SPBC651.02	SPBPB2B2.09c		
SPCC1753.04	SPCC576.01c		
SPAC959.04c	SPBC365.20c		
SPBC16G5.08	SPAC977.14c		
SPAC2E1P5.04c	SPBPB2B2.11		
SPCC777.06c	SPBP22H7.06		
SPAC1F12.08	SPBPB2B2.10c		
SPAC4H3.04c	SPAC4A8.14		
SPBC23E6.10c	SPAC3H5.11		
SPAC922.03	SPBC11B10.02c		
SPBC18H10.20c	SPBC1348.04		
SPAC3G9.09c	SPAC977.02		
SPAC806.06c	SPAC977.08		
SPAC22E12.04	SPBC32H8.01c		
SPAC513.06c	SPAC27D7.09c		
SPBC115.03	SPBC16E9.19		
SPCC965.08c	SPAP27G11.16		
SPBC1711.04	SPBC16G5.19		
SPAC1F12.05	SPBC13G1.15c		
SPAC6F6.11c	SPAC343.20		
SPBP4H10.05c	SPAC2F3.12c		
SPBC1709.16c	SPAC11E3.14		