

**Table ESM S3:** Segregation data of SSR loci in the six barley populations used to construct the high-density barley microsatellite consensus map

Population	Chr. No.	Marker loci	Position (cM)	Segregation data <sup>a</sup>
LxV	1H	Bmac0399	28.86	A B A U B A A B A A B A A B B A A B A B B A B B A B A B A A B B A A A A B B B A B A B A B B A B B A B B A B B A A B A B B A A A A A B A B B A B B A A B B A A B A A A B B A B B A B A A A A A B A A A B B B
LxV	1H	EBmac0560a	58.76	B A A U B A B A B B B A A A B B A B A B B A A A A B B A A A B B A A B A B B B B B A A A A A A B B B A B B B B A A B B B A A A B A A A B B B A A A A A B A A B A A A A B B A B B A B B A A B A A B B A A A A
LxV	1H	Bmag0211	60.42	B A A U B A B A U B B A A A B B A B A B B A A A A B B A A A B B A A B A B B B B B A A A A A A B B B B B A A A B A B B B A A A B A A A B B B A A A A A B A A B A A A A B B A B B A B B A A B A A B B U A A A A
LxV	1H	GBM1487	60.42	B A A U B A B A B B B A A A B B A B U U U U A A A B B A A A B B A A B A B B B B B A A U U U A B B B A U B B B A A B B B A A A B A A A A U U B A A A A A B A A B A A A A B B A B B A B B A A B A A B B A A A A A
LxV	1H	GBM1216	64.10	B A A B B A B A B B B A A A B B A B A B B A A A A B B B A A B B A A B A A B B B B A A A A A A B A B A B B B B A A B B B A A A B A A A B B B A A A A A B A A B A A A A B U A B B A B B A A B A A A B A A A A A
LxV	1H	HVM22b	71.88	B B A U B A B A B A A A A A A B A B A B B A A A A B A B B A B A A A B A A B B B B A A B A A A B A B A B B B B A A B B B A A A A A A B B B B A A A A A B A A B A A A A B B A B B A B B A A B A B A A A A A A
LxV	1H	Bmac0032	73.74	A B A U B A B A B B A A A A A B A B A B B B A A A B B B B A A A A A A A A A A B B B B A A A B A A A B B B B A B B A B A A A A A A B B B B A A A A A A A B B A A A B B A U B A B B A A B U B A A A A A A A
LxV	1H	GBM1371	93.12	A A A U B A B A A B A A A A A B A A B A B B A B B B A B B A B A B A B A A A A A A B B B B A A A B A B A B B B B B A B A B U A A U B B B A U A A B A A B B A B B A A A A B B A B A B B B A A B A B B A A A B A B
LxV	1H	GBM5162	93.12	A A A U B A B A A B A A A B A B A A B A B B A B B B A B B A B A B A B A A A A A A B B B B A A A B A B A B B B B B A B A B B A A A B B B A A A U U U A B B A B U A A U A B B A B U B B B A A B A B B A A A B A B
LxV	1H	GBMS128c	98.92	U U U B B A B A U U U B A A A B U U B A B B B B B B A A B A B A B B B A A A A A B B B B B A A A U A B A B B B B U B A B B B B A B B A A A A A B A A B B A B B A A A A B B A B A B B B A A B A B B B A A B B B

LxV	1H	GBM1308	128.38	BAAUABAAUBUBBUBAUBAAUBBAAAABBUBBBBAABBAAAABBBBAAABAAB AAUABBAABUBBBBBBAUBAAUABABBBUABAAABBABBABBABAABBUB
LxV	1H	GBM1461	135.94	BAAUABBAABBBBBBABBAAABBAAAAABBABBABAABBBAABABBBBBBAABBB BBABBAABABAABBBBAAAABABAABBBBABAABBAABBABBABAABABB
LxV	1H	GBM1314	138.33	BAAUABBAABBBBBBABBBAABBAAAAABBABBABAABBBAABABBBBBBAABBB BBABBAABUBAABBBBAAAABABBABBBAABAABBAABBABABBABUUUU
LxV	2H	Bmac0134	10.87	ABAUBBAAABABAABBABABABBBBAAAABAABAAAAAABBAABBABABAA BAAAABABABBBBBBABABBABBABBBBAAAABAABAAAAAABBABU
LxV	2H	GBM1187	19.51	ABAUBAAAABABAABBABABABBBBAAAABAABAAABAAABBABBAAABBA BAAAABABABBBBBBABABBUBABABBABUBBBAAAABAABAUAABUABA
LxV	2H	GBM1121	29.46	BAAUAAAAABAAAABBAUABBBBAAABBABAABAAABABBBBAAABAAAABA BAAAABAAAABABABAABBBABABAUAUBAAAABAUBABBBAAABABBBBA
LxV	2H	HVM36	30.97	BAAABAAAABAAAABBAABBBBABBABAABAAABABBBBAAABAAAABA BAAAABAAAABABABAABBBABABAABBBBAAAAAABABBBAAABABBBBU
LxV	2H	GBM5018	33.20	BAAUAAAAABAAAABBAABUBBABBBAABAAABABBBBAAABAAAABAABA BAAAABAAAABABABAABBUAAAABAUAABAAAAAABAUAUABABABBUA
LxV	2H	GBM1052	40.37	BAAUAAAAABABAABAAAAABBUBAAABBBBAAABAABBBBBAABAAAABA BAAABBBUBABABABBABBBAABBAUUUBAAAAAABAABBAABABABBAA
LxV	2H	GBM1446	58.13	AUAUBABABUBABAABBABBBBAAABABABABABABBBAAAUAABBBABBABB BABBABUABUBAUAUBBUAAUABBAUAAAABBABAUBBBBBBAAAAAU
LxV	2H	GBM1459	64.35	ABABBABABBBABAABBBBBBABAABABABABABABBBAAAAAABBBABBAAAB BABBABAABAAAABBBBBBAAAABBBABAABABBABABBBBBAAAAAA
LxV	2H	GBM5230	65.16	ABAUBABABBBABAABBBBBBABAABABABABABABBBAAABAAAABBBABBAAAB BABBAAAABUAABBBBBBAAAABBBABAABABBABABBBBBAAAAAA

LxV	2H	GBM1172	65.84	UBABBBABBBBABAABBBBBAAABAABABABABABABBAABAAAAABBABBA A ABB BABBA A A A B B A A B B B B B U A A A B B U A B A A A A B B A B A B A B B B B A A A A U A
LxV	2H	GBM1158	69.52	ABAUBABABBBBABAABBBBBUABAUBABABABABABBAABAAAAABBABBA A ABB BABBA A U A B B A A B U B A B B U A A A B B B A B A A A A B B A B A B A U B B B B A A A A A
LxV	2H	EBmac0684b	69.58	ABAUBABABBBBABAABBBBBAAABAABABABABABABBAABAAAAABBABBA A ABB BABBA A A A B B A A B B B B B A A A A B B B U B A A A A B B A B A B A B U B U B A A A A A
LxV	2H	GBM1203	69.58	UBAUBABABBBBABAABBBBBAAABAABABABABABABBAABAAAAABBABBA A ABB BABBA A A A B B A A B B B B B A A A A B B B A B A A A A B B A B A B A B B B B B A A A A U A
LxV	2H	GBM1408	89.44	ABUUAABAABUABUBABBABBUAABABBBBBABBABABAABABBAABAABABBAB A A A A A A B A A A A B B B A A B B A A U A A B A A A A A B B A B A B A U B A B A A A A B U A
LxV	2H	Bmag0125	89.83	ABAUAABAABBABABAABABBBABBABBBAABABABAABABBAABAABABBAB A A A A A A B A A A A B B B A A B B A A A A A B A A A A A B B A B A B A B B A B A A A A B B A
LxV	2H	GBM1328	93.65	ABAUAABABBBUABAABABBBBABAABBBBBBABABABA A A A B B A A B A A B A B B A B A A A A B A A B A B A A B B B A U B U A A U B A B B A A A A A B B A B A U A B U U U U U U U U
LxV	2H	GBM1440	96.34	ABABAABUBBBBAUABBABUBBUABUABBBBBUBABABBBBAABBAABBABABBAB A U A A B A A U U B A A B B B A U U B A A U B A U B A A A A U B B A B B B A B B A B A A A B B B U
LxV	2H	GBM1469	112.74	AABUAABABAABABBAUBAUBBBBBAAABABABABABAABUAAABAAABBAABBA B A B A A B A B A B B B A A A B B A B A A A A B A A B B A A A B B A A A B B B B B B A A A A B B A B A
LxV	2H	HVM54	122.41	AABUAABABAABABBBABABBABBAABABABABABBBBBAAUABA A A B B A B A B B B A B A A B A U B B B A A A U B U B A A A A B A A B B A A A B B U A A A B B U U A A A A A B B B B A
LxV	2H	GBM1200	124.80	AABUAABABBBABABBBBABAABBABBAABABBAABABBBBAABAAAAABBABABBB A A B A A B A B B B B B A B B U B A U A A B A A B B A A A B B B A A A B B B A A A A A A B B B U A
LxV	2H	GBM1047	129.66	AAAUAABABBBABABBBBBAAABBABBAABABBAABABBBAAAAAAAABABBABABB A A B A A B A B A B B B B A U B B B A A A A B A A U B A B A B B B B A A B B B A A A A A A B B B B A

LxV	2H	GBM1462	137.85	AAAUA AA ABBA BBBBBA ABBA BBA ABABBBBABBBA AAA ABBA BBABBBABBA ABAUBABABABBABBBABA ABBAABA ABABABBAABA ABABA ABUBBBA
LxV	2H	Bmag0749	147.93	ABBA AAA ABABBA AB BBBBABBBA ABABBBBABBBA AAA ABBA BBABBA ABBA AAAABBA ABABBA ABBA BBABBBAAA ABABBBBABA ABABA ABABUA
LxV	2H	GBM1475	149.47	ABUA AAA ABABBA AB BBBBABA AABA UBBA AB BBBA AAA ABBA BBAAA AB AAA ABBA ABABBA ABBA BBABBBAAA ABABABABABABA ABABABBBABAAA
LxV	2H	GBM1012	149.81	ABAAAAA ABABBA AB BBBBABA AABA BBBBBUABBB AAA ABBA BBAAA AB AAA ABBA ABABBA ABBA BBABBBAAA ABABABABABABA ABABABBBABAAA
LxV	2H	GBMS216	153.52	ABAAAAA AA ABBA BBBBBA BABABBBBBA AB BBBAABA AB BBBBAAA ABBA AAAABBA ABABBA ABBA BBABBBAAA ABBA BABABABABA ABABABBBABAA
LxV	2H	GBMS128b	155.98	UUUAAAA UUUABBA BUUBBBABABABBBBBA AB BBBAABA ABBA BBAAA AB AAA ABBA ABABBBABBBABBBAAA ABBA BABABABABA ABABBBBABAAB
LxV	3H	HvLTPPB	20.49	AAUBABBBABA BAAAA BABA AAA ABBA ABBA ABABA AAA AB BBABABBBABAB ABBBBABBBA BBABBBABA BABA ABBA ABAAAA AB BBABBUBBUUBBBAUA
LxV	3H	GBM1139	52.02	BABABABA BAAAA BABA BBABABA BAAAA BABA AABA AAA ABBA BAAAA AABABBBB BBBBAAA AB BBUBABABABA ABBA AAA AB BBABBBA BBA
LxV	3H	GBM1213	52.03	BABUBABA BAAAA BABA BBUBABA BAAAA BABA AABA AAA ABBA BAAAA AABABBBB BBBBAAA AB BBBB BABABUBA ABBA AAA AB BUABBBABBBA
LxV	3H	Bmag0136	52.09	BABUBABA BAAAA BABA BBABABA BAAAA BABA AABA AAA ABBA BAAAA AABABBBB BBBBAAA AB BBBB BABABABA ABBA AAA AB BBABBBA BBA
LxV	3H	Bmac0209	52.39	BABUBABA BAAAA BABA BBABABA BAAAA BABA AABA AAA ABBA BAAAA AABABBBB BBBBAAA AB BBBB BABABABA UBAAA AB BBABBBA BBA
LxV	3H	GBM1094	52.67	BABUBABA BAAAA BABA BBABABA BAAAA BABA AABA AAA ABBA BAAAA AABABBBB BBBBAAA AB BBBB BABABABA ABBA AAA AB BBABBBA BBA

LxV	3H	GBM1110	60.27	B A B U B A B A A B A A A B A A B B B B A B B B A A A A B A A A A B B B B A B A A A B A A A A A B A B A A B B A B B A B B B B A A A A B B B B B A A B A B A U A A A B A A A B B B B A B B B A B B B A A A A
LxV	3H	GBM1163	60.27	B A B B B A B A A B A A A B A A U B B B A B B B A A A A B A A A A B B B B A B A A A B A A B A A A A B A B A A B B A B B A B B B B A A A A B B B B B A A B A B A B A A A B A A A B B B B A B B B A B B B A U U A
LxV	3H	GBM1090	68.32	B A B U B B B A A B A A A B A A B B B B A A A B A A A A U A B A A A B A B A A B A A A A A B A A A A B B B B A A B B B B B B B B B B A B B A B B B B A B A A B A B B A A A B A A A A A A B B A B B B B B B A B A A A
LxV	3H	GBM5047	68.32	B A B U B B B A A B A A U B A A B B B B A U A B A U A A U B A A A B A B A A B A A A A A B A A A A U B B A A B U B B B B B B B B A B B A B B B A U A A B A B B A A A B A A U A A A B B A B B B B B B A B A A A
LxV	3H	Bmag0225	75.54	B A B U B A B A A B A A A B A A A B B B A A A B A A A A B B A A A B B B A A A A A A A B A A A A B B B A A A B B B B B B B B B A A A A B B B B A B A A B A B B B A A A A A A A A A B B A B B B B B B A A A A
LxV	3H	Bmag0013	113.70	B U B U B B A B A B A A A B A A B B B A B B U A B A A B A B A A A B A B B B A B A A B B B B B A A B B B B A A B B B A B A B A A A B A B A B A A A A A B B B B B A B A B B B B A A B B B A A B B B A A B B A U A
LxV	3H	GBM1118	122.54	B B B U B B A B A B U A A B A A U B B U B B B A B A A B A U A U A B A B A B A B A A B B B B A B A A A B B B A A A B B B A B A B A A U B A B U U B A B B A B B B B B B A B B B B U A B B U U U B U B A U B A A U
LxV	3H	GBM1037	122.84	B B B U B B A B A B A A A B A A A B B U B B B A B A A B A B A A A B A B A B A B A A B B B B B A A A B B B A A A B B B A B A B A A A B A A A B B A B B A B B B B B B A B B B B A A B B B A U B B B A B B A A A
LxV	3H	GBM1288	134.92	B B A U B B A A A B B A B B A A A B A A B B B B B A A B B B A B B B B A B A B B B B A A B B A B A A B A A A B A A B A B A B B A A A B A B A B A B B B A A B B A A B B A B B B B A A B A U A A B B A A B B B A A
LxV	3H	HVM62	139.43	B B A B B B A A A B B A B B A A A B A A B B B A B A A B B B A B B B A B A B B B B A A B B B A B A U A B A B B A A A B A B A B A B B A A A B A A B B B A B B B B A A U U U U U U B A A B B A A U A A B B U A A
LxV	3H	GBM1420	152.53	B B A U A B B B A B B B B B A A A B A A B A B A B A B A B B B A B A B A B B A A B A A A B B A A A A A A A A A B B A A B A A A A B A A A A B B A B B A A A A A A A A B B B B B A A B A B A A B B A A A B A U A
LxV	4H	GBM1221	14.65	A U A U A A A A A A A A B B B B A B A B A B B A B B B B A B A B A B B A A B B B A A A A A A B A A A B B B A A B A B B A A U B A B B A A A B A B B U A A B B A U U B A A B B A B B A U U A A U A B B A B B A B A

LxV	4H	HVM40	22.40	AAAAAABABBBBABBBABBAABBBBABBBBABBAABBBABAABBBAA BABBAABABBBAAABBBBAABAABABAUBBBBBABUABBUABABBUBA
LxV	4H	GBM1252	27.35	AAAUAAAAABABBBBABBAABBBBABBBBABBBBABBAABBBABAABAAABA BABBAABABBBAAABBBUABAABAAABBBBABBBBABBAABABBUBA
LxV	4H	GBM1364	57.23	ABBAABABBAUBAABBABUAAABBBABBBBABBBBABBBUABUABABBABABB ABABABAAAAABAUAUAUABUABAAAUBUAAABBABBAUUABAABAAAB
LxV	4H	Bmag0384	57.50	ABBUAABBBBBBBAABBABUBAABBABBBABBBBABBBABBBABBBABABB ABABABAAAAABAABABAUBAABABAAAABBAABBABBBABUABAUAUAB
LxV	4H	GBM1509	63.21	ABBBABABBBABBAABBABABAABBABABBBBABBBBABBAABBBAAABBA ABABAAABAAAAABABAAABBAAAAAABBUABBBBBBABBAABAAA
LxV	4H	Bmag0353	65.01	ABBUAABUBBBABBAUBABUBAABBABABBBBABBBBABBAABBBAAABBA ABABAAAUAAAAABABAAABAABAAAABBAABB BBBBABBAABAUB
LxV	4H	GBM5210	72.93	ABBUAABABBBABBAABAAAABAABBABABBBBABBBBABBAABBBABBB ABABAAABAAAAABABAAABBAAAAAABAABBBBABBBABBAABAUA
LxV	4H	GBM1350	78.23	ABBBABABBBABBBABBAABAAAABBABABBBBABBBBABBAABAAAAB BBABAAABABAAAAAAAABBAAAAAABAABBBBABBBABBAABAABA
LxV	4H	EBmac0701	96.17	BBBABABBBAAABABUAAABBAAABBAUABBAUBBBABBBBAAAAAAAABBA ABBAABBABBBBAAAAAUABBBBABABBBBAUBAABBABAAAAABBUBA
LxV	4H	GBM1015	115.94	BBAUABAABBBABABABABBABBBBAAABBBBABBBBABBAABBAABBA BBBBBBBABABAAABABAAABBBBABABBAABBBAAAAAUAAABBABA
LxV	4H	GBM1324	125.51	BABUABBBBBBABABABBBAAABBBBAAABBBBABBBBABBAABBAABBA ABBBBABABBBBAAABABAUBBBBAAABBAABABBAABAABBBBUBU
LxV	4H	GBM1453	132.27	BAUUABBBBBUABAABUBUABBUABAUBBBBABBBBABBAABBBABBA UBBUAAUAUUBBUAUUBAUABUBAUAAABBAABUBBAUBUBABBBBAB

LxV	4H	GBM1018	132.69	BABUABBBBBUABAAABBBAAABBBBAAABBBABBBBABAAABBBBABAAABBBAA ABBAABABBBBABBBABAAABBBBAAABBBAAABABBBAAUBUABBBBBAB
LxV	5H	GBM1176	18.59	BABABBAABBBABBBABAAABBBBABAABBAUUBBBABBBAAAAAABABABBBBABBA BAABBAABBBAAUUBAAAAAABBBBBBBBABBABBBAAABABAABBBAAAU
LxV	5H	GBM5028	27.41	BABUUBAUUBABBBABAAABUUBAABBBBAAABBBABBBAAAAAABUUBABABABB BBABAABBBBAAABUUBAAAUBBABBBUUBBUABBAABBUAABABAAAA
LxV	5H	HVM30a	41.93	BBBABBBABBBABBBAAAAABABABAABBBABABBBABBBABBAABBBAAABABAABBB BABBAABBBBABAABBAUAABBBBAAABAABBBAAABBBABAABAAB
LxV	5H	Bmac0273b	42.83	BBBABBBABBBABBBAAAAABAAAABAABBUBABBBABBBABBAABBBAAABABAABBB BABBAABBBBABAABBBABAABBBBAAABAABBAUBUAAABABABAABUAB
LxV	5H	EBmac0560d	43.76	BBBABBBABBBABBBAAAAABAAAABAABBABABBBABBBABBAABBBAAABABAABBB BABBAABBBBABAABBBABAABBBBAAABAABBBAAABBBAAABBBABAABAAB
LxV	5H	GBM1325	44.59	BBBAUBBABAABBBABAAABUAAAAABBBAAABBBABBBABBAABBBAAABABAABBB BAUAAABBBBABAABBAUUABBBBAAABAABBBAAABBBAAABBAABAABABB
LxV	5H	GBM1508	44.82	BBBUBUBABBBABBBABAUAABBUAAAABBBAAUBBBABUUBBAAABBBAAUABAABBU BABBAABBBBABAABBBABAUAUBAABAABBBAAUBAABBBAAABAABAUB
LxV	5H	GBM1222	45.12	BBBUBBBABBBABBBABAABUAAUAABBBAAABBBABBBABBAABBBAAABABAABBB BABBAABBBBABAABBBABAABBBBAAABAABBBAAABBBAAUBAUUUUUUUUU
LxV	5H	EBmac0560b	48.21	BBBUBBBABBBAAABABAABABABAABBBAAABBBABBBABBAABBBABBBAAABBA BABBAABBBBABAABBBAAAAABBBBAAABAABBBABBBABBBAAABBBABABA
LxV	5H	Bmag0323	50.85	BBBUBBBABBBAAABABAABABABAABBBAAAUBBABBABBAUUBBBABBBAAABBA BABBAABBBBABAABBBAAAAABBAABBAABBBABBBABBBAAABAABABA
LxV	5H	GBM1293	50.85	BBBUBBBABBBAAABABAUAABABABAABBBAAABBBABBBABBAUUBBBABBBAAABBA BABBAABBBBABAABBBAAUAABBBAAABBBABBBABBBABBBAAABAABABA

LxV	5H	GBM1506	75.45	A A B U B A A A B A A B A A B A B A A A A B B B A A A A A A B B B A A B A A B B B A B A B B B A B B B A B A A A B B B B A A A A B B B A A A A A B B A U A A B B B A A B B A B A B A B A B A B A A B A B A A B A B B
LxV	5H	Bmag0223	86.88	A A B B A B A B U A A B A A B B B A A A B B A A B A A B A B B B A A B U A B B A A A A A A A B B B B B A B A B B B B A B A A B B B A B B A B A A A A A A B B A B A B B B A B A B A B A A B B A A B A A B A B B
LxV	5H	GBM1295	107.11	B A A U A A A A A A B B A A B B B A A A B A B A B A A B A B B B A A A B A A A A A A A A A A A A A A B B B A B A A B B B B B B B B B B A B A A B B U U B B U A B B A A B B B A A A A A A B A U B U A B A A B A B B
LxV	5H	GBM1141	108.26	B A A A A A A A A A B B A A B B B A A U B A B A B A A B A B B B A A A B A A A A A A A A A A A A A A B B B A B A B B B B B B B B B B B A B A A B B B A B B A A B B A A B B B A B A A A A B A A B A A B A A B A A B A B B
LxV	5H	GBM1436	128.54	B A A B B A B A B A B B B A B B B B A A B A A A B A B B B A B B A A A A B B A A B A A B A B A B A B B B A A B A B B B A A B B A A A A A A A B B A B B A A A A U A U A B B A B U A B B A U U B B B A A B A B U
LxV	5H	GBM1166	133.50	U A A B U A B U B A B U B A B B B B U A B A A A U A B B A A B B A A U A B B A A B A A B A B A B A B B B B A B A U U B A U B B A U U U A A A B U U B B A B U A B U B U U B A U B A U A B B B A A B A B A
LxV	5H	Bmag0222	144.14	B A A U A A B A B B B B B A B B B A B A A B B B A A B B B A B B B A A A A A B A A B A A B A B A B A B A B B A B B B B B A B B B A A A A A A B A B U A B A B B A A B B A B B A B B B A B A A A A B B A B B A B A
LxV	5H	GBM1490	144.14	B A A U A A B A B B B B B A B B B A B A A B B B A A B B B A B B B A A A A A B A A B A A B A B A B A B A B B A B B B B B A B B B A A A A A A B A B U A B A B B A A B B A B B A B U B A U A A A A B B A B B A B A
LxV	5H	GMS001	183.25	A B A U B A A A B B B A B B B A A A B A A B B B A A B A A B A B A B A A A B A B B A A B A B A A A B A A B A B B A A A A A B B B B A A A B B A A A B B A A B A A A A A A B B B A A A B B B B U U U U U U U U U
LxV	5H	scssr03907	183.45	A B A U B A A A B B B A B B B A A A B A A B B B A A B A A B A B A B A A A B A B B A A B A B A A A B A A B A B B A A A A A B B B B A A A B B A A A B B A A B A A A A A A B B B A A A B B B B U U U U U U U U U
LxV	5H	scssr09041	183.46	A B A U B A A A B B B A B B U A A A U A A B B B A A B A A B A B A B A A A B A B B A A B A B A A A B A A B A B B A A A A A B B B B A A A B B A A A B U A A B A A A A A A B B B A A A B B B B U U U U U U U U U
LxV	5H	GMS002	183.75	A B A U B A A A B B B A B B B A A A B A A B B B A A B A A B A B A B A A A B A B B A A B A B A A A B A A B A B B A A A A A B B B B A A A B B A A A B B A A B A A A A A A B B B A A A B B B B U U U U U U U U U



LxV	6H	Bmac0316	7.16	BBAUBABBBABAABBBBABABBBAAAABBBBBBABABBBAAAABAABBBAAABB ABBAABAABBABAABAABBABABABBABBBABAABBBABBBABBBBABBA
LxV	6H	GBM1270	36.52	BBBUBBBBBUABBBABAABABBBBAABBBBAABABAAAABBBBABAAABABABABBB BABBAABABBBBBAABBBABAABAABBBBBAABBBBABBBBABBBBAB
LxV	6H	GBM1355	40.43	BABBBBBBBAABBBABABAABBBBAABBBBAABABAAAABBBABABAAAABABABABBA BABBBABBBBBAUABBBAAAABAABBBBBAABBBBBAUABBAABBUB
LxV	6H	GBM1212	55.10	AABUBBBBABABBBABABAABBBAAABBBBABAAABABAABBBABABABABBUABBBBB BABBBBUBABBBBABBAABAABBAABABBABUBUBUBUBAUBABAABBBB
LxV	6H	Bmac0040b	61.07	BAUUBBBAABUBBBUBBBBAABBBAAUBAUAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAUBBAAAUAABBBBBAABBAABBBUBAU
LxV	6H	EBmac0560c	61.70	BABBBBBBAABBBBABBBBAABBBAAABBBABAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB
LxV	6H	GBM1267	61.70	BABUBBBAABBBBABBBBAABBBAAABBBABAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB
LxV	6H	Bmac0018	61.79	BABUBBBAABBBBABBBBAABBBAAABBBABAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB
LxV	6H	GBM5012	61.95	BABUUBBAABUBBBABBBBAUUBAABUBABAABABAABBBABABABBBBABUBBBUB BABBBBUBBBBBAABAUBABBAAUABUUBBBBUBBBBABBBABAABBUB
LxV	6H	HVM65	62.11	BABUBBBAABUBBBABBBBAABBBAAABBBABAABABUABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB
LxV	6H	HVM22a	62.14	BABUBBBAABBBBABBBBAABBBAAABBBABAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB
LxV	6H	Bmag0009	62.21	BABUBBBAABBBBABBBBAABBBAAABBBABAABABAABBBABABABBBBABBBB BABBBBBAABBBBABAAAABBBAAAABAABBBBBAABBBBABBAABBBB

LxV	6H	HVM14	62.28	B A B U B B B A A B B B B A B B B B A A B B A A B B B B A B A A B A B A A B B A B A B A B B B A B A B B B B B B A B B B B B B B B B B B A B A A A B A B B A A A A B A A B B B B B B B B A B B A B A A B B B B
LxV	6H	HVM74	62.66	B A B U B B B A A B B B B A B B B B A A B B A A B B B B A B A A B A B A A B B A B A B A B B B A B A B B B B B B A B B B B B B B B B B B A B A A A B A B B A A A A B A A B B B B B B B B A B B A B A A B B B B
LxV	6H	GBM1063	63.49	B B B B B B B A A B B B B A B B B B A A B B A A B B B B A B A A B A B A A B U A B A B A B B B A B A B B B B B B A A U B B B B B B B B U A B A A A B A B B A A A A B A A B B B B B B B B A B B A B A A B B B B
LxV	6H	GBM1076	67.86	B B B B B B B A A B B B B A B B B B B A B A A B B B B A B A A B A B A A B U A B A B A B B B A B A B B B B B B A A B B B A B B B B A A A B A B A B B B B A A A A B A B B B A B B B B B B A B B A B A A B B U B
LxV	6H	EBmac0806	75.46	B A B U A A B A A B B B B A B B B B B A B A A B B B B B B A A B A B A A A B A B A B A B B B A B B B A B B B A A A B B B B B B A B A B B B B A B B B B A A A B B A B B B A B B B B B U B B A B A B B B A A
LxV	6H	GBM1022	105.26	B B B U B B B A B A A A A A A B B B B A B B B B A B B B A B A B A A A B B A B A B A A A A A B A B A A A A A B B A A B B A B B B A A A A B A B B A B B B A A A A A B B B B A B B B B B B A B A A B A B B B A A
LxV	6H	Bmac0040a	113.19	A B U U U B B A B A A A A A A B A B B A B B B B A B B A B A B A A A A B A A A B A A A A A B A B A A A A A B A A A A B A B B B A A A A B A B B A U B B A A A A U B A B B A B B B A B A A B A A B A B U A U U
LxV	6H	GBM1274	123.45	A B A U A B B A B A A A A B A A B A B B A B B B B A B B A B A B A A A A B A A A U B A A A A B A B A B A B A B A A A A B A B B B A B A A B A B B A B B B A A A A A B B B A A B A B A B A A B U B B B B A A A B
LxV	6H	GBM1275	124.29	A B A B A B B A B A A A A B A B B A A B A B B B B A B B A B A B A A A A B A A A A B A A A A B A B A B A B A B A A A A B A B B B A B A A B A B B A B B B A A A A A B B B A A A A B A B A A B A B B B B A A A B
LxV	6H	GBM1276	124.29	A B U U A B B A B A A A A B A B B A A B A B B B B A B B A B A B A A A A B A A A A B A A A A B A B A B A B A B A A A A B A B B B A B A A B A B B A B B B A A A A A B B B A A A A B A B A A B A B B B B A A U B
LxV	6H	GBM1087	127.70	A B A U A B B A B U A A A B A B A B A B B B B B A B B A B A B A A A A A A A B B A A A A A A B A B A B A B A A A A B A B B B A B B A B A A B A A B B B A A B A B B B A A A A B A B A A B A B B B B A A A B
LxV	6H	GBM1404	129.76	A B A U B B B A B A A A A B A B A B B B U B B B B A B B A B A B A A A A A A A B B A A A A A A B A B A B A B A A A A B A B B B A B B A B A A B A A B B B A A B A B A B A A A A B A A A A B A B B A B A A A B

LxV	6H	GBM1005	131.12	ABBUBBBABAAAABABABBBBBBBBBABBABABAAAAAAAABBAAAAAABABABA BAAAABABBBBABABAABAABBBBBBABABABAAAABAAAABUBBBABBAAB
LxV	7H	GBM1126	8.80	AAAUABABABABBBAAABBBAAABBBAAABABAAAAABAAAABBBBBBABUAABAB AABAAAAUABBBUABBBAAAAAABBABABBAABBBABABABAABAABBBBA
LxV	7H	Bmag0007	20.62	AAAAAABABABABBBAAABBBABABBBAAABAAAABAABBBAAABBAABBAUBAB ABAAAAAABBBAAABBBBABBAAABBBABABAAAABABBABAAAABBAABUBA
LxV	7H	GBM1326	31.24	AABABABABABABBBAAABBBABAABAABBBABBBAAABBAABBBAAABAAAAAB BABAABBBBABABBBAAAAABAUBBUBABAAAABAABBBAAAABBAABBBB
LxV	7H	GBM5060	31.24	AABUBABABABABBBAAABBBABAABAABBBABBBAAABBAABBBAAABAAAAAB BABAABBBBABABBBAAAAABAABBBABABAAAABAABBBAAAABBAABBU
LxV	7H	HVM30c	73.25	BABBAAAAABBABAAABAABBBUABUUAAAAAABAUAABBBBBBUABUABB AUABBABBBBBBBBBBAAAUBAABBBAAABABAABBBABABAABABABBBBAU
LxV	7H	HVM30b	75.67	AABUAAAAABBAUAAAUABBBBUAUUUABAAAAUUUAUAABUBBBBUABUABB BUABBUBUBBBBBBBUABUBAAAUBAUABUBAABBBBAUBABABABABUU
LxV	7H	GBM1237	78.32	AABAABAAABAABAABABUBUAABAABAABAAAABBAAAABBBBBBBBABABB BAABBABBBBBBBBBBAAAUAABUBUAABABABBBBABAUBABABABABAA
LxV	7H	Bmag0321	79.24	AABUABAAABAABAABABBBBAAABAABAABABBBAAAABBBABBUBABAABB AAABBABBBBBBBBBBAAAABAABBBAAABABABBBBABAUBAUAUUUUUUUU
LxV	7H	Bmac0224	80.74	AABUABAAABAABAABABBBBAAABAABAABABBBAAAABBBABBUBABAABB AAABBABBBBBBBBBBAAAUAABBBAAABABABBBBABAUBAUAUUUUUUUU
LxV	7H	Bmac0273a	80.78	AABUABAAABAABAABABBBBAAABAUBAABABBBAAAABBBABBABABAABB AAABBABBBBBBBBAUAAAABAABBBAAABABAAUBUBABBABABABBUBAA
LxV	7H	Bmag0507	84.10	AABUABBAABAABAABABBBBABBAAABAABAABBBAAAUBBBABBABABAABA AABBABBBBBBBBBBAAAUBAABBBAAABBBABUUABABBAUUUUUUUUUU

LxV	7H	GBM1303	86.43	ABBUABBAABBA AAAABABBBBABBA AABAABABBBAAAABABABBBBABAABBA AABBABBBBBBBBBBAAABUAABBBBABBBBABBBBABABBBBAU
LxV	7H	GBM1396	90.46	AABAUBBBABBA AAAABBBBBBABAABAABBAABAABA AAAABAAAABBBBABAABB ABABBABBBBBBBBBBAAABUAABBBBABUBAABBA AU BBBABABABUBAA
LxV	7H	GBM1428	91.17	AABBABBBABBA AAAABBBBBBABAABAABBBABBAABA AAAABAAAABBBBABAABBA BABUABBBBBBBBBBAAABBBAAABBAABBBBABBAABBBBABABABBBAA
LxV	7H	Bmag0120	97.00	AABBABBBAAAAAAAABBBBBBABAABAABBBABAABAABA AAAABABABBBBABBBBBB BABBBBBBBBABBBABBBABABAABBBABAABAABAABAUBABABABABABUA
LxV	7H	GBM5225	101.73	BABUABBBAAAAABAABBBUBAABAABAABBA AAUAABAABABABABBBBABAABA ABABAAAUBBABBBABBAUABAAAABBAABAABABAAAAUABUUUUUUUUU
LxV	7H	GBM1362	123.22	BABUUBABUBBAABABAUAABBAABBAABAABAABBBBBBBBAABBBBABAABBA BBABBBABBBAAAAABBBBUAAUUBABBAUABBAABBBUBUBBAABABAB
LxV	7H	Bmac0156	136.42	BABUBBBBABBA AAAABBAABBAABABBBBAABBBABBBBAABBBABBBABAABBA ABABABABBBAAAAABBBAAABBBABAUBAAAABBBABBBABBBUBABAAAB
LxV	7H	Bmag0135	147.51	BBBUBBBBABAAAAABBBAAABBBBABUBAAAABBBABBBABAABABBBBAABBBABA ABABAAAAABBBAAABBBBAABBBABAABABABBBBAABBBBAAAAAABA
SuxV	1H	GBM1412	59.11	UUUBUUUBUUUABUUUUUUUUUUUUUBUUUBAAAUBUAAUBUAABBAUBBAUUUU UUUBBUUUAAUUUBABUUBUUAUUUBUUUBBBUBAUUABUUUBAAAAAAUUBBA AAABABBABABBBABUBBBAAUAABUUBAAAABBBBABBBBAABAA
SuxV	1H	GBM1336	63.01	UUUBUUUBUUUABUUUUUUUUUUUUUBUUUBAAAUBUAAUBBAUBBAUUUU UUUBUUUUAAUUUBABUBBUUAUUUBUUUBBBUBAUUABUUUBAAAAAAUUBAA AAABABBABABBBABUBBBAAUAABBBBABAAAABBBABBBABABAA
SuxV	1H	GBM1480	63.30	UUUBUUUBUUUABUUUUUUUUUUUUUBUUUBAAAUBUAAUBBAUBBAUUUU UUUBBUUUAAUUUBABUBBUUAUUUBUUUBBBUBAUUABUUUBAAAAAAUUBAA AAABABBABABBBABUBBBAAUAABBBBABAAAABBBABBBABABAA

SuxV	1H	GBM1153	73.37	UUUBUUUUUUUABUUUUUUUUUUUUUUUUUUUBABABUAUUBUAABAUAUUBAUUU UUUUUUUUUUUUUBAAUBBUUAUUUAUUUBBUUBAUUABUUUBAAAABBUUBB AAAAUABABAABBBAUBBBBAUBAABBBUAUAUABBABBUAUUBAA
SuxV	2H	GBM1366	67.22	UUUBUUUBUUUAUUUUUUUUUUUUUUUAUUUABABAABAUBUBABAUAUUBAUUU UUUUAAUUUBUUUBAAUBBUUAUUUBUUUAAAUBAUUABUUUABBBBAAUUUA ABBAAABBAABAAAUAUBAUBBBBUUBBAUABBABBBAABBBAAB
SuxV	2H	GBM1468	84.06	UUUBUUUBUUUBAUUUUUUUUUUUUUUAUUUABABBAABUBUBAABBUABAUUUU UUUBAUUUBUUUBAAUBAUUAUUUBUUUAAAUBAUUAAUUUBBBAAAAUUBAA BBAAABAAABABBBAUAAAAAUBAABBABBABBBAABBBAABBBAAB
SuxV	2H	EBmac0415	117.86	BABBAAAAABUABBBBBBAABBABAABBABAABBBAABBBAABBBAABBBAAB ABBBBAABBUUBUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUBBABBBAUUBBAU BAUBBABAABAAABAAAABBABBABBABBBBABBABBABABUBAA
SuxV	2H	GBM1437	122.85	UUUBUUUBUUUABUUUUUUUUUUUUUAUUUBAUABABAUAUBAAAAUAABUUU UUUUBBUUUBUUUBABUBBUUBUUUAUUUABBUBBUUBAUUUBBBAAABAUUBB AABABBBABABAABAAUAABBUBBAAAABABBBBAABABBABABBBA
SuxV	2H	GBM1475	149.47	ABBBBAABBAAABBUBAAUUUAUUUUUUUAABBABBABABBBUUBAUBABUU BAAAUAABUBBABBABBBAABAAAAAABBABBABBBAABBBAABUBAABAA BBBABABBABBABBBAUUBAAUAABAABAABAABAABAAAB
SuxV	2H	GBM1012	149.81	ABBBBAABBUAABBABAABBBAABAAABBBAUBBABBABABBBAABBABBAB AAAAAABBBUABABBABBAAAAAABBABBABBBAABBABUBBAABAAB BABABBABBABBBAABAABBBAABAABAABAABAABAABAABAAAB
SuxV	2H	GBMS216	153.52	BBBBBABABAABBUUAUUUAUUUUUUUBUBAABBABABBBAABBBAABBBA BAAAAAABBBBABABBBAABAAAAAABBBAUBBBBBAABBABBBAUAAAA BBBABABBABBBAABAABBBAABAABAABAABAABAABAABAABAAB
SuxV	3H	GBM1284	31.95	UUUAUUUBUUUABUUUUUUUUUUUUUAUUUBBABAUAUAUBBBUUUBABUUUU UUUABUUUAUUUBAAUAUUUBUUUBUUUAUUUBAUUBBUUUABBBAAUUUBBA BBAAAABBBUBAAAUAABBBAUAAABBBBABAUAUABBBAABBBAABB
SuxV	3H	Bmag0136	52.09	BABBAAUUBBBABAABABAABBAABAUAUBUBBUAAAABBBBAUAAABAABAAU BAAABAAAAAABABBABBABBBAABBBABAABAABAABAABAABAABAABA BBBABABBABAABAABBBBABBBAABAUAUBBABAABAABAAB
SuxV	3H	Bmac0209	52.39	BABUAAABBBBABAABABAABBAABAUAUBBBBAAAABBBBABAABAABAUA BAAABAAAAUUAUUUBUUUBBBUBBBAAABBABAABAABAABAABAABAABA ABBBABABBABAABAABBBBABBBAABAUAUBBABAABAABAAB
SuxV	3H	GBM1226	102.22	UUUAUUUBUUUBBUUUUUUUUUUUUBUUUAAAABAUAABBUBABUUUU UUUABUUUUUUUBBBUABUUUAUUUAUUUAAAUAUUUABBAABAUAABB ABBBAAABBABBAAAUAABAUAUBBABBBAABBBAABBBAABAABAUBBB

SuxV	4H	HVM40	22.40	BBABBABABABBBBUUAUUUUUUUUUUUUUUUABABBABBAAABABBBBBBAABBBB BAABBBBBABABBBBABAABBBBABBABABABBABAABBBBABAABBBUAAABBA ABAABAABABBBBAABBBBABAABAAAABABBAAAABAABABABBB
SuxV	4H	HVM03	58.33	BABUAUAUAABUABBBABBAABBUBUBABUBAAAABABBBABBAAUAAAABBAU AAABBBBABAUAABAAAABABAABUAAAAAABABAUAUBAABUUBBAAUUAAB BAABAABAABABBBBBAABBBBAAAAAABAABBAABBBBBAABAAA
SuxV	5H	GBM5008	118.98	UUUBUUUAUUUABUUUUUUUUUUUUUUUBUUUBABBABUAUBUAAAAAUBAAUUU UUUUBBUUUUAUUUAAAUBBUUBUUUBUUUBBBUABUUAUUUBABAAABUUBB BBAABABBAABAAAUAABABUAAAAAUBABAABABAABABBBAAABBB
SuxV	6H	Bmac0316	7.16	ABABBABAUAUBAABUAAUUUBUUUAUUUAABBABABABBAABBBBBAAB BABBBBABABABBBBABAABBBBBAABBBAAABBAABUABABAABUUBBBB ABAABBAABAABAUUABUABABBBAAABUABBBBBAABAABBABUA
SuxV	6H	GBM1063	63.49	ABBBABBBBBAABABUUAUUUBUUUUUUUUUBUABBBABBBBBAABAABABBAABB BBBBBAABUUAAAAAABABAABBBUBBAAABBAAAAABBBAAUUAABUUAABBB AAAABABAABBBAAABABBBAAAAAABABABBABBAABABBBBAAB
SuxV	7H	HVCMA	67.59	BAAABABBBBAAABABABABAABAAAABBBBABAABABAABBABABBBBBAUB AAABBAUUBABBBABAUBAAAABBBAAABABBBBBAABBBBBAUUAUUBUUBAABB ABABABBABAUBBBAAAABAAAAAABBABAABBABBBBABB
SuxV	7H	GBM1472	88.46	UUUBUUUBUUUAUUUUUUUUUUUUUAUUUBABAAAABUAUBABABUBBAUUUU UUUAAUUUAUUUBABUBBUUAUUUAUUUBBBUABUUAUUUAABABBAUUBAB BBBBBBABBBBBAUBABAUAABAUAABBABAABBBBAAAABBB
SuxV	7H	GBM1297	88.56	UUUBUUUBUUUAUUUUUUUUUUUUUAUUUBABAAAABUAUBABABUBBAUUUU UUUAAUUUAUUUBABUBBUUAUUUAUUUBBBUABUUAUUUAABABBAUUBAB BBBBBBABBBBBAUBABAUAABAABBBABAABBBBAAAABBBUA
SuxV	7H	Bmac0156	136.42	BAABBBBBBAABBBAAABBAABABAABBBBAAABBBAAABABABABAABBBBABBAB AAABABAABAAABBBABBBAABBAABBBBBAABBBAAAUBBBBBBUUBABBA ABBBUUAAUUUBUUUAABBABAUBABBABBAABAABAABBBB
StxM	1H	Bmac0399	28.86	BBAUAUBABBABBBBAABBBBAUBBBAAABBBABAABABBBBABAABABBAABABB UBABBBABBUAABAABBBBBAABBBBABAABBAABBAABUBBBABBBBAAABABBBB BAAABBBBBAABAABAABBBAAUUBBBAAAABABABBBBAABBAA
StxM	1H	Bmac0213	30.81	BBABAABABBABBBBAAABBBABBBBAAABBBABAABABBBBABAABABBBBABB BBABBBABBBAAABAABBBBBAABUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	1H	Bmag0872	49.78	BAAAAABABBABBBBAABAABBBBAABBBABAABBBBB UABAABAABBABBB BBBABBAAABBBBBBAABBABB UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	Bmag0211	60.42	BAAAAABABBABBBAABAABBBABAABABABABBBBBBBABBAAAAABABBBB BBBAAAAABBBBBBABBBAABBBBAAAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	Bmag0770	60.42	BAAAAABABBABABAABBAABBBABAABABABABBBBBBB UABBAAAAABABBB BBBABAABABBBBBBABBAB U UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBMS065	60.42	BAAAAABABBABBBAABAABBBABAABABABABBBBBBBUABBAAAAABABBBB BBBAAAAABBBBBBABBBAABBBBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBMS219a	60.52	BBBAABABBABBBAABAABBBABAABABABABBBBBBBBABBAAAAABABBBB BAABABAABBBBBBABBBAABBBABAABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	Bmac0090	63.66	BAAAAABABBABBBAABAABBBABAABABABABBBBBBBBABBAAAAABABBBB BBBAUAABBBBBBABBBAABBBBBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBMS037	66.52	BAAAAABAABBBABBBAUAAAABBABAUBABABABBUBBBUABBAAAAABABBBB UBABABBABBUBBABBBAABBBBAAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBM1013	67.50	BAAAAABABABBABBAAAAAABBABAABABABABBBBBBBBABBAAAAABABBBU UBABABBABBABBBAABBBBAABBBBBAUAAAABAABAABABABBABBABBBAABBAB BAAAAABBBBBBABAABABBUBBBBBBBBAAAABBBUUUUUUUUU
StxM	1H	Bmac0032	73.74	BAAAAABAABBBABBAAAAAAABABAABABABABBBBBBBBABBABAABABABA BBABABBABBABBBAABABABBBBBAAAAABAABBUBABUBBABBABBABABBAB BABAABABBBBABAABABBUBBBBBBBAAAUBBABAABAB
StxM	1H	GBM1371	93.12	BAAAABBAABBBABBBAABBBBABAABAAUBBBABBBAABAABABUBABABA UUABABBABAABBBBAUAABBBBABAABBBABBBAABBUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBMS054	97.17	BAAAABBABABBABBBAABAABBBABAABAAABBBABAABBABAABAUAABAUA BAABABBAAUABAABAABABBBBBBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	1H	GBMS053	120.62	AABBBBAAAAABABABBABBABBBAABAABAAAAABBABUAAAABABABABAA UBAABABBBAABAABAABBAABBBBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	1H	GBMS012	123.66	A A B B B B A A A A A B A B A B B A B B A B B B B A B B A A A A A A B B B B B U A A A A B A B A B A A A A A B A A U A B B B A A A B A A A U B B A A B B B B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	GBM1278	126.02	A A B U B B A A U A A B A B A B B A B B A B B B B A B B A A A A A A B B B B B B A A A A B A A A B A U A A A B A A B A B B B A A A B A A A A B B U A B U B A B B U B B A A A B A B A B A B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	GMS149	129.52	A A B B B B A A B A A B A B A B B B B B A B B B B A B B A A A A A A B B B B A U A A U U B A A B B A A A B U B A A B A B B B A U A B U U U A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	WMC1E8	131.93	A A B B B B A A B A A B A B A B B B B B A B B B B A B B A A A A A A B B B B A A A A A A B A A B B A A A B A B A A B A B B B A A A B A A A A B B A A B B B B B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	Bmag0579	132.84	A A B B B B A A B A A B A B A B B B B B A B B B B A B B A A A A A A B B B B A A A A A A B A A B B A A A B A B A A B A B B B A A A B A A A A B B A A B B B B B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	GBMS143	134.19	A A B B B B A A B A A B A B A B B B B B A B B B B A B B A A A A A A B B B B A U A A A A B A A B B A A A B A B B A B A B B B A A A B A A A A B B A A B B B U B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	GBM1461	135.94	A A B B B B A A U U A B A B A B B B B B A B B B B A B B A A A A A A B B B B A B A A A A U A A B U A A A B A B B A B A B B B A U A B U A A A B B A A B B B A B B B B B A A A B A B U B A B B U U U U A A B A B B B A B A U U B B A A A B B B A A B A A A B A U A B B A U A A A B A U U B B A A A U A A A A
StxM	1H	GBMS184	135.97	B A B B B B A A A B A B A B A B B B B B A B B B B A B B A A A A A A B B B B A A A A A A B A A B B B A A B A B B A B A B B B A A A B A A A A B B A A B B B U B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	1H	GBM1434	136.38	A A B B B B A A B B A U A B A B B B B B A B B U B A B B A A A A A A B B B B A B U A A A B A A U B A A A B A B B A B A B B B A A A B A A A A B B A A B B B A B B B B B U A A B A B A B A B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBMS247	8.11	U B A B A A A A B B B A B B A B B A B B B A B B B B B A B B B B B A B B A A B B B A A B A B A B A A A B A A A B B B B B A A B U A B B B A A A A A A B A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBMS031	11.84	B A A B A A A A B B B A B B A B B A B B B A B B B B B A B B B B B A U U A A B U B A A B A A B A B A A A U A B A B U B B B U A A B A A A B B A A A A A B A A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBM1187	19.51	B A A B A A A A B B B A B B A B B A B B A A B B B B B U B A B B B A A A A A B U U B B B A A B A B A A A A U B A B B B U U A A A U U A A B U A A A U A B A B B A A U A B A A B A A B A A A A B U U B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U



StxM	2H	GBM1035	29.46	B A A B A B A A B B B A B B A B B A B B A A B B B B B A B A B B B A A A A A B B B B B B A A B A B B B A A A U U A B B B A A A A A B A B A B B A A A A A B A U B A A B A B A A B A U B A A B A B B A B B B A B B B B A B B B A A B B A A A A A A B A A A B A A U B B A A B A A B A A A A A U U U U U U U U
StxM	2H	GBM1121	29.46	B A A B A B A A B B B A B B A B B A B B A A B B B B B A B A B B B A A A A A B B B B B B A A A B B B A A A A B A B B B A A A A A B A B A B B A A A A A B A A B A A B A B A A B A A B A B B A B U A B B B A B A B B A B B B A A B B A A A A A A A B A A A B A A B B B A A B A A A B A A A A A B A B B B B A A
StxM	2H	GBMS002	37.94	B A A B A B A A B B A B A B A B B A B B A A B B B B B A A A A B B A A A A A B B B B B B A A B A B B A A A A B A B B B A A B A A B A B A B B B A A A B B A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBM1052	40.37	B A A B A B B A B B A B A B A B B A B B A A B B B B B A A A B B B A A A A A B B B B B B A A B A B B A A A A U U A B B B A A B A A B A B A B B B A A A B B A U B A A A A B B B A A A B B A B A B B A B B B A B B B A B B B A A B A A B A B A A A A A A A B A A A B A A B B B A A B A A B A A A A A A A B A B B B A B A A
StxM	2H	GBMS229	43.27	B A A B A B B A B B A B A B A B B A B A A A B B B B B A A A B B B A A A A A B B B B B B A A A A B B A A A A B A B B B A A B A A B A B A B B U A A A B B A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBMS137	48.64	B A A B A B B A B B A B A B A B B A B A A A A B B B U A A A B B A A A A A A B U B B B B A A A A B B A A A A A B A B B B A A B A A B A B A B B B A A A B B A U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBM1523	49.26	B A A B A U B A B B A B A B A B B A B A A A A B B B B A A A B B A A U A A A B B B B B B A A A A U B A A A A A B U B B B A A B U A B A U A U B A A U B U A B A U A U A B B A B A B B B A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBM1459	64.35	B A A B A B A A A B A B A B A B A A A A B A A B A B B A A A B B A A A A B A A B B B B A A A A B A B A A A A A B A B A A A A B B A B A B A B A B B A A B A A B A A A A A A B B A B A B B B A B A U U U U U A B A B B B B A A U U B A B A A A A A A A B A A A A A A U A B B U B A A A B A U U A A B A B U A U A B
StxM	2H	EBmac0715	67.97	B A A B A B A A A B A B A B A B A A A B B A A A A B B A A A B B A A A B B A A B A B U A A B B B A A A A B A B A A A A B A B A A A A B B A B A B A B B B B A A B A A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	GBMS103	67.97	B A A B A B A A A B A B A B A B A A A A B A A A A B B A A A B B A A A B B A A A U B B B A A A A B A B A A A A B A B A A A A B B A B A B A B B B B A A B A A B A A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	Bmag0742	72.01	B A A B A B A A A B A B A B A B A B A A B A A A A B B A A A B B A A B A B A A U B B B A A A A B A B A A A A B A B A A A A B B A B A B A B B B B B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	2H	Bmag0518	72.01	B A A B A B A A A B A B A B A B A B A A B A A A A B B A A A B B A A B A B A A A B B B A A A A B A B A A A A B A B A A A A B B A B A B A B B B B B A A B A A B A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U



StxM	2H	Bmag0125	89.83	<p> A A A B A B B A B B A B A A A B A B A A A A A B B B B A A B B B A A A A A B A B B A B A A A A A B A B A A A  A B B B A A A A B B A A A B A B A B B A A B B A B A B A A A B A B B A A B A U A A B B A B B A A A A B B B A  A A B B A A A A A U A A A B A B A A U B B A U A U B A A A A A A A A A A B B A A A A B </p>
StxM	2H	GBMS040	118.53	<p> A A A B U B B B A A B A U B B B B B A B A U B B B B A A B B U B B U B A A U A U B B U A A A A B B B U U  B B B U B U U B U U U A A U U U B U B U U B U U U B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	2H	HVM54	122.41	<p> A A A B A B B U A A B A A A B B U B B A B U A B U B A A A U B A B B A A B A A B B A B B A A A A A B B B A  A U B B A B A A U A U U B A A A A B A U A A B A A A B A A B B A B B A A B B U A A A B B B B B B A B A A A  A A B A A A A A A U A A B B B B B A B A A B B U A A A A A A A A B B A A B B A A A A A B B </p>
StxM	2H	Bmag0749	147.93	<p> A A A B B A A B A A B B A B B B A B B A B B A A B A A A A A B A B B A A A A A U A A A B B A A A B B A B A  A B B B A B A A B A A A A A A A A A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	2H	GBM1475	149.47	<p> A U A B B A A B A A B B A B B B U B B U B B A A B A A A A A B A B B A A A U A A A A A B B A U A B U A U A  A U B B A B A A B A U A A A U A A A A B A A A B A A B A A B B A A B A B B B B B A B B B B B B A B A A A B  A A A A B A A B B A A A B B B B B A A B B B A B A B B A A B B B A A B B A A A B B A </p>
StxM	2H	GBM1012	149.81	<p> A A A B B A A B A A B B A B B B A B B A B B A A B A A A A A B A B B A A A A A A A A B B A A A B B A B A  A U B B A B A A B A U A A A A A A A A B A A A B A A B A A B B A A B A B B B U B A A B B B B B A B A A A B  A A A A B A A B B A A A B B B B B A A B B B A B A B B A A B B B A A B B B A A B B A A A B B A </p>
StxM	2H	GBM1036	156.39	<p> A A A B B A A U A U B B A B A U A B B A B B A U B A A A A A B A B B A U A A A A A A A B B A A A B B A B A  A A B B A B A B B A U A A A A A A A A B A A A B A A B A A B B A A U U B B B A B A A B B B B A A B A A A B  B A B A B A A B B A A A B B B B A B A A B B B A B A B B A B B B B A A B B A A A B B A </p>
StxM	3H	GBMS085	8.45	<p> A B A B B A B A B B A A A B A B A B A B B A B A A A A B B B A B B B B B A B A A B A B A B A B A A A B B A A  B B B A B A B B B A B A A B A A B A B B A A A B U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	3H	GBM1450	13.94	<p> A B A B B A B A B B A A A B A B A A A B B A B A A A A B B B A B B U B B A B A B B A A A B A B A A A B B A U  B A B B B A B B A B A A B U A U A B B A A A B A B A A A B B B A B B B A A A B B U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	3H	GBM1382	16.32	<p> A B A A B A B A A B A A U B A B A A A B B A B A A A A B B B A B B B B U B A B B A B A B B A A A B A A  B A A B B A B B A A A A A B A A B B A A A A B A B A A A A B B B A B B B A A A B B U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	3H	GBMS046	49.46	<p> B B B B A A B B B A B A A A B A U B A B B B A B B A U A B B B A B B A B B B A U B B B A B A B B B A A A A A  U B A B A B B B A A U B B A B A B B B A A B A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>

StxM	3H	GBMS157	49.54	BBBAAABBBBBBAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS185	50.57	BBBAAABBBBUAAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS189	50.57	BBBAAUBBBUAAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS198	50.57	BBBAAABBBBUAAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS223b	50.57	BBBAAABBBBBAAAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBUAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS050	50.67	BBBAAABBUABAAAABABUABBBABBABUBBBABBABBABBABBABABBBBAAAAA ABABABUBBAAABBBABABBBAAABBBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	Bmag0905	50.87	BBBAAABBBABAAAABABBABBBABBABABBBABBABBBAAUBBBABABBBBAAAAA AABABABBBBAAABBBABABBBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS149	51.05	BBBAAABBBBAUAAAABABAAUBBABBABABBBABBABBBAAUBBBABABBBBAAAAA ABABABBBBAAABBBABAUBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS110	51.28	BBBAAABBBABAAAABABBABBBABBABABBBABBABBBAAUBBBABABBBBAAAAA ABABABBBBAAABBBABABBBABABABBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBM1444	51.46	BBUAABBBABAAAABABUABBUABBBABABBBABBABBBABUBBBAUABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAAABAABABABBBUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS147	51.61	BBBAAABBBABAAAABABBABBBABBABABBBABBABBBAAABBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	3H	GBMS089	51.61	BBBAAABBBABAAAABABBABBBABBABABBBABBABBBAAUBBBABABBBBAAAAA ABABABBBBAAABBBABABBBAAUBABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	3H	GBMS140	51.80	<p> BBBAABBBABAAAABAUBABBBABBABUBBBABBABBBAUBBBABABBBAAAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	Bmac0273c	52.02	<p> BBBAABBBABAAAABABBABBABBABBABBABBABBABBABBABBABBABBABBAAA  UBABABBBAAUABBABABBBAAABABAAAABABABABUBBABAABABAABBBUA  BABABABAAAABBBABBUBAUBUAAAABBAABABABAUBB </p>
StxM	3H	GBM1139	52.02	<p> BBBAABBBABAAAABABBABBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBUAABBBUBABBBAAABABAAAABABABABABBABAABABAABBBBA  BABABABAAAABBBABBUBBBUAAAABBAABABABABB </p>
StxM	3H	GBM1213	52.03	<p> BBBAABBBABAAAABABBABBABBABUABABBABBABBABBABBABBABBAAA  ABABABBBAAAUBABABBBAAABABAAAABABABABABBABAABUBAABBBBA  BABABABAAAABUBABBBBUUBBBAAAABBAABABABABB </p>
StxM	3H	GBMS048	52.17	<p> BBBAABBBABAAAABABBABBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	GBM1094	52.67	<p> BBBAABBBAAUAAAABABBABBABBABBABBABBABBABBABBABBABBABBAAA  ABABUBBBAAABBABABBBAAABABAAAUABAABABBUBBABUABUBAABBBBA  AABABUABAABBBABBUBBBUBBBAAAABBAABABABABB </p>
StxM	3H	GBMS212	52.78	<p> BBAAABBBBUAAAABABAABBAABBBABBABBABBABBABBABBABBABBAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	Bmag0828	52.82	<p> BBAAABBBUBAAAABABAABBAABBBABBABBABBABBABBABBABBABBAAA  AAABABABBBAAABBABABBBAAU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	Bmag0138a	52.99	<p> BBBAABBBABAAAABABBUBBBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	GBMS203a	54.05	<p> BBBAABBBUAAAABABBABBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	Bmag0603	54.55	<p> BBBAABBBBUAAAABABBABBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBBAAABBABABBBAAABABAAUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU </p>
StxM	3H	GBM1110	60.27	<p> BBBUABBBAAABBAABABBABBABBABBABBABBABBABBABBABBABBAAA  ABABABBBAAAABBABABBBAAABBBAAAABABABABBBBUUUUAUAABBBBA  UBABAABAABBBABBUBBUBAUAAUBUUAABABAUBBB </p>

StxM	3H	GBMS102	62.99	B B A A A B B B A B B B A A B A B B A B B A A B B A B A B B B A B B A B A B B U B B B A B A B B B A B A A A A A B A B A B B A A A A B B B A B A B B B A A B B B A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	GBMS022	68.01	A B U A A B B B A B B B A A B A B B A B A A A B A A B A B B B A B B A B A B B U A B B A B A B B B A B A A A A A B A B B B B A B A A B U A B A B B B A A B B B A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	GMS116A	69.16	A B A A A B B B A B B B B A B A B B A B A A A B A A B A B B A A B B A B A B B U A B B B A B A U U A B A A A A A B A B A B U A B U A B B A B A B B B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	Bmag0225	75.54	A B A B A A B B A B B A B B A A B B A B A A B B A A B A B A B A B B A B U B B B A B B B A B A A B A B A A A A B B A B A B B A B A A A B A A A B B B A A B B B A A A U B B A A B U B A B U B B A B A B B A B A A A B B U B A A B B A A A A A A A B B B B A B B B A B A U B B B B B A B B U A A B A B A B U A B B
StxM	3H	GBM1034	75.54	A B A B A A B B B B A B A B B A A B B B A B A A B B A A B A B A B A B B B A B A B B B A B B B A B A A B A B A A A U U B A B A B B A B A A A B A A A B B B A A B B B A A A A B B A A B A B A B B B B U B A B B B A B A A B B B B A A B B A A A A A A A B B B B A B B B A B A B B B B B A B A B B A A B U U U U U U U U
StxM	3H	GBMS074	78.37	A B A B A A B B A B B A B B A A B B A B A A B B A A B A B A B A B B A B A B B U A B B U B A B B B A B A A A A B A A B A B B A B A A A B A A A B B B U A B B B A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	Bmag0841	91.21	A B A B A A B B A B B A B B A A B B A B B A B B A A B A A A B A A B A B A B A U A A B A B A B A A B A B A A B B A A A B B A B A A A A B A A B B B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	Bmag0606	101.77	A A A B A A A B B U B A B B A A B B A B A A A B A A B A A A B B B B A B A B A A A B B B A B A A A B B B A B A A B B A A A B B B B A A A A B A A B A B B A B B U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	GBM1037	122.84	A A A B A A A A B B A A B B A A B B A A A A A A A A B A A A A B B B A B A A A U B A B A B A A A A B A B A U U B A A A B B B B A A B A B A A A A A B A B B U B B B B B B A A B B B A A B B B A A B B B A B B B A B B A A B B B A B B A A B B B A U B A B B A B B U A A A A B B B A A A B B B A B A A B B U U A B
StxM	3H	Bmag0877	124.98	A A A B A A A A B B A A B B A A B B A A B A A A A A A A A A A B B B B A B A A A U B A B A B A A A A B A B A B B U A A A B B B B A A B A B A A A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	GBMS038	131.31	A A A B A A A A B B A A B B B A B B A A B A A A A B A A A A A B B B A B A A A B B A A A B A B A A B A B A B B B B A A A A B B B B A B B B A B A A A A A A B A A B A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	3H	EBmac0541	137.16	A A B B A A A A B B A A B B B A B B A A B A A A A B A A A A A A B B B B A A A A B A B A B A B B A B A B A B B B A A A B B B B A B B B A B A A A A A B A B B U B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U

StxM	3H	HVM62	139.43	<p>A A B B A A A A B B A A A B B A B B U A B A A A A B A A A A A B B B B A A A B B A B A B A B B A B A B A</p> <p>B U B A A A B B B B U B B A B A A A A A B A B B A B B B B A B A A B B B A B U A A A A B B B B B B A B A A</p> <p>B U U A B B A A B B B A A B B B B A B B U U U A A B B B B A B B B B B A A B A B A A B</p>
StxM	3H	Bmag0853	144.10	<p>A A B B A A A A B B A B A B B A B B A A B A A B A B A A A A A A B B B B A A A U B A B A B A B B A B A B A</p> <p>B B B A A A B B B B A B B A B A B A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>
StxM	3H	GBM1046	144.10	<p>A A B B A A A A B B A B A B B A B B A A B A A A A B A A A A A A B B B B A A A U B U B A B A B B A B A B A</p> <p>U U B A A A B B B B A B B A B A B A A A B A B U U B B B B A B A A B B B A B B A A A A B B B B B B A B A A</p> <p>B B B A B B A A B B B A A A B B B B B B U A B A A B B B A A A B B B B U U U U U U U U U U</p>
StxM	3H	EBmag0705	145.35	<p>A A B B A A A A B B A B A B B A B B A A B A A A A B A B A U A A B B B B A A A A B A B A B A B B B B A B A B</p> <p>B B A A A B B B B A B B A B A B A A A B A B B B B B U U U U U U U U U U U U U U U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>
StxM	3H	GBM1238	146.66	<p>A A B B A A A A B B A B A B B A B B A A B A A A U A B A A A A U A A B B B A A U B A B A B A B B B B A B A</p> <p>B B B A B A B B B B A B B A A A B A U A B A B B B B B B A B A A B B B A B B A A U U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>
StxM	4H	GBM1221	14.65	<p>A A A B A A A A B B A B B A B A B A A A A A A B B A B A B A B B U A B A A A B A B U A B U B U B B B A A</p> <p>A A A B A A B B A B A A B A A A B B A B U A A B B B B A B A A A A B B B A B A B B U U U U A B A A A B B A</p> <p>A B U A A A A B A A A A B B B A B A A B A U B A A A A B B B A B A U U B A B A B U A A A A</p>
StxM	4H	Bmac0273d	22.40	<p>A A A B A A A A B B A A B A B B B B A A A A A A A B B A B A B A B B A A B A A A B A B B A B B B B B B A A</p> <p>A U A B A B B B A B U A B A A A B B A B A A A B A B B A B A A A A B A A A B U B B A A A A B A B A A A B B U</p> <p>A B B A A A B B A A A A B B A B A A B A A U U A U A B U A B B A A B A B A B A A A A A</p>
StxM	4H	HVM40	22.40	<p>A A A B A A A A B B A A B A B B B B A A A A A A A B B A B A B A B B A A B A A A B A B B A B B B B B B A A</p> <p>A U A B U B B B A B U A B A A A B B A B A A A B A B B A B A A A A B U A A B U B B A A A A B A B A A A B B A</p> <p>A B B A A A B B A A A A B B A B A A B A A B U A A A B B A B B A A B A B A B A A A A A</p>
StxM	4H	GBMS114	26.49	<p>A A A B A A A A B B A A B A B B B B A A A A A A A B A B A B A B B A A A B B A B B A B B A A B B B B B U A A</p> <p>A A B B B B B B A B A A B A A A B B A B A B A B A B B U U U U U U U U U U U U U U U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>
StxM	4H	GBM1482	36.81	<p>A A A B U A A A B B A A B A B B B B A A B A U A B A B A A A A B B A A B B A B B A B B B A B B B B B A B A</p> <p>U A B A B B B A B A A B B B A A B A B A B B B A A B A A A A B B A A A A B A A B B U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>
StxM	4H	GBMS087	41.26	<p>A A A B A A A A B B A A B A B B B B A A B A A A B A B A A A A B B A A B B B B U A B B B A B B B B B A B A</p> <p>B A B A B B B A B B A B B B A A U A A U B A B A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U</p> <p>U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U</p>

StxM	4H	Bmag0740	50.86	<p> A A U A A A A A B B A A B A B B B B B A U A U A A A B A A A A B B A B B B B B U A B B B A B B B A B B  A B A B A B A B A A U A B A B U U A A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GBM1028	50.86	<p> A A A A A A A A B B A A B A B B B B B A B A B A A A B A A A A B B A B B B B B A B B B A B B B A B B A B U  U A B A B U A A A B A B B B A A B A A A B A A A B A A A A A A A B A A A B A B B A A B A B B B A A B A B A  A B A A A A B B B A A A B A A A A A B U U B B A A A B B B B B B A B A U U U U U U U U </p>
StxM	4H	Bmag0808	53.04	<p> A A A A A A B A B B A A B A B B B A B A B A B A A A B A A A A B B A B B B B B U A B B B A B B B A B B A B  A B A U A B A U U A B U U B A A A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GBMS133	53.04	<p> A A A A A A B A B B A A B A B B B A B A B A U A A A B A A A A B B A B B B B B U A B B B A B U B A B B A B A  B A B A U A A A A B A B B A A A A A A B U A A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GBMS203b	53.04	<p> A A A A A A B A B B A A B A B B B A B A B A B A A A B A A A A B B A B B B B B A B B B A B B B A B B A B A  B A B A B A A A A B A B B A A A B A A A B A A A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GMS089	53.04	<p> A A A A A A B U U B A A B A B B B A B A B A B A A A B A A A A U B B A B B B B B U A B A A A B B B A B B A B  A B A B A B A A A A B A B B A A A B U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	EBmac0906	54.98	<p> A A A A A A B A B B A A B A B B B A B A B A B A A A B A A A A B B A B B B B B U A B B B A B B B A B B A B A  B U B A B A A B A B A U B A A A B A A A B A A A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GBMS150	59.79	<p> A A A A A A B A B B A A B A B B B A B A B A B A A A B A A A A B B A B B B B A U A B B B B B B B B B A B A  B A B A B A A A A B A U B U A A B A A A B A A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	Bmag0490	62.19	<p> A A A A B A B A B B A A B A B B B U B A B A B A A A B A A A A B B A B B B B A A A B B B B B B B B B A B A  B A B B B A A A A B A B B A A A B A A A B A A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>
StxM	4H	GBM1509	63.21	<p> A A A A B A B A B B A A B A B U B A B A B A B A A A B A A A A B B A B B B B A A A B B B B B B B B B A A B A  B A B B B U A A A B A B B A A A B A A A B A A B B A A A A A A B B A A A B A B B U U U U B B A B B A B A A  B U A A A B A B A A A B A A A B A B A U B B A A A A A A B B U U B A B B B U B A A B </p>
StxM	4H	GBMS015	66.75	<p> A U A A B A A A B B A A B A A B U A B A B A B U U A B A A A A B B A U B B B A U A B B B B A A B B A U A B  A B A B B B A A A A B A B B A A A B A A A B A A U B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U  U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U </p>



StxM	4H	GBM1350	78.23	<p> AAAABAAUUBABBAABUABAABUABAABAAABBABBBBAABBBAABBBAABB  BBBBBBAABABABBAABBAABAAABAABAAAAUABBABBBABBUUUUUBBBBBABA  ABUAAAAABAABBAABBAABBAUABAABAAAAABAUUBABBBUBAAU  </p>
StxM	4H	EBmac0635	93.06	<p> AAAABABABUABBAABBAABBAABBBABBAABABBBBAABBBAABBBAABB  BAABBAABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	EBmac0679	94.50	<p> AAAABABAABABBAABBAABBAABBAABBBABBAABABBBBAABBBAABBBAABB  BAABBAABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	MGB84	95.92	<p> ABBBBABUUBBAABBBBABBBBABBBBABBUABUBABABUBAUUBBABAABB  BAABBBABAABABBBUBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	EBmac0701	96.17	<p> AAAABABABUABBAABBAABBAABBBABBAABABBBBAABBBAABBBAABB  BAABBAABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	EBmac0788	97.67	<p> AAAABABAABABBAABBAABBAABBAABBBABBAABABBBBAABBBAABBBAABB  BAABBAABAABBBUABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	GBM1220	99.86	<p> ABAABABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  BAABBBABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	GBM1448	113.17	<p> ABAABABAABBAABBAABBBBUABAUBBABBBUABUBBBUAAUABBBAABBBAABB  BAABUBABAABBBUABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>
StxM	4H	GBM1015	115.94	<p> ABBABABAABBAABBAABBBBAABABBBBABBBBABBBBAABBAABBBAABB  UAABBBBABAUABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  AAAABAAAAAABAABABABAAAUABBBBAABABABBBAABA  </p>
StxM	4H	GBM1018	132.69	<p> ABBBBABAABBAABBBBABBBBABBBBABBBBABBAABBAABBBAABBAABB  UAABBBBABAUABABBBBABBBBABBAABBAABBAABBAABBAABBAABBAABBA  AAUABBAUABUBAABUBABAABBAABBBBABBBBABBAABA  </p>
StxM	5H	GBM1176	18.59	<p> BABBAAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  AUABAAAABBUABABABBBBABBAABBAABBAABBAABBAABBAABBAABBAAB  AABBAUABBBBBAABBBBABBAUAAABAABUBBABAABBA  </p>
StxM	5H	GBMS032	36.89	<p> BAABAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBAABBA  AAAAAAAABUAAABABAABBBABUABUUUUUUUUUUUUUUUUUUUUUUUUUUUU  UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU  </p>

StxM	5H	Bmac0163	37.74	B A A B A A B B A A A B A A A A A B A A A B B A B B A A A B B B A A B A A A B B B B B A A A A B A A B A A A A A A A A A B B A A A A A B A A B A B A B U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	GBMS070	38.09	B A A B A A B B A A A B A A A A U A B A A A B B A B U A B A A B B B A A B U A A B B B B B A A A A B A A B A A A A A A A A A B B A B A A A B A A B A B A B A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	GBMS156	39.57	B A A B A A B B A A A B A A A A A B A A A B B A B A A B A A B B B A A B A A A B B B B B A A A A B A A A A A A A A A A B A B B A A A B A B A A B B B A B B A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	GBMS115	40.05	B A A B A A B B A A A B A A A A A B A A A B B A B B A A A B B B A A B A A A B B B B B A A A A B A A B A A A A A A A A A B B A A A A A B A A B A B A B B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	Bmac0273b	42.83	B A A B A A B B A A A B A A A A A B A A A B B A B U A B A A B B B A A B A A A B B B B B A A A A B A A B A U A A A A A A A B U A A A A A B A A B A B A B A A A B B U B B B B B A A A U B A A A B A A B A B B A A A U A A B B A B B B U A A B A B A A A B B B A B U A U A A B A A A B B A A A B A A B U A B
StxM	5H	Bmag0751	42.87	B A A B A A B B A A A B A A A A A B A A A B B A B B A A A B B B A A B A A U B B B B B A A A A B A A B A A A A A A A A A B B A A A A A B A A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	Bmag0387	44.99	B A A B A A B B A A A B A A A A A B A A A B B A B A A B A A B B B A A B A A A B B B B B A A A A B A A B A A A A A A A A A B B A A A A A B A A B A B A B U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	GBMS196	48.81	B A B B U A A B A U B B A A A A A A B A A A B A A B B A B A A B B B A A B A A A B B U B B A A A A A A A B A A A U A A A A A B B A A A A B B A A B A B A B U A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	GBMS075a	48.81	B A B B A A A B A A B B A A A A A A B A A A B A A B B A B A A B B B A A B A A A B B B B B A A A A A A A B A A A A A A A A A B B A A A A B B A A B A B A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	Bmag0323	50.85	B A B B A A A B B A B B A A A A A A B A A A B A A B B A B A A B B B A A B A A A A B B B B B A A A A A A A B A U A B A U A A A B U A A A A B B A A B A B A B A A A B B B A B B B B A A A U B A A A B A A B A B B A A A A A A B B A B B B B A A B A B A A A B B B A B U A B A A A A A A B B B A B B A A B B A B
StxM	5H	Bmac0303b	53.10	B A B B A A A B B A B B A A A A A A B A A A B A A B B A B A A B B A A A B A A A A B B B B B A A A A A A A B A A A A A A A A A B B A A A A B B A A B A B A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	5H	Bmag0760	68.72	B A B B A A A B B A B U A A A A A B B A A A B B A A B A A A A B B B A A B A A U A B A A B B A A A A A U B A A A B A A B B B B B A A A A B A B A B A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U

StxM	5H	GBM1426	70.25	BABUAAUBBAUAUAAAABBAABBAABAAAABUBAABAABBAABBAABBAAB ABABUABBBBBBAAAABBBABAAAABBBABUBABABBAABABAUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBM1041	79.59	BABAAAABABBABAAAABBBBAABBABBBAAAABABAABAAAAAAABAAAAAAU UUABABBBBBBAAAABABAAAAAABUBABABABBBBAABABABAAAABBBBAAB BABBBABBAABAABAAAABBBBUBAABAABABBABBBAAUUUUUUUU
StxM	5H	Bmag0223	86.88	BABAAAABBBABABAAAABBBBAABBABBBAAAABABAABABBBAAAABAAAABAAA AAABABBBBBBBAAAABAAAAAABABABABABBBBAABUBABAABBBBAAABBB BABBBABBAABAABAAAABBBBABUUUAAAAAABBBABBBABBBAAA
StxM	5H	Bmag0812	90.32	AAAAABBBBBAABABAAAABBBU U U U U U U U U AABABAABABUAAAAABAA ABAAAAAAAABBBUBBAAUU AABAAA UUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBM1363	120.68	BABAAAABBBABBBBABABBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BABABUAUBAABABAABBAABABBBBBAABABBBBABABBBUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBMS119	122.09	BBBAAAABBBABBBBABABBBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BABABAABAABAABBABBAABAABBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GMS061	122.09	BBBAAAABBBABBBBABABBBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BBABABAABAABAABBABBAABAABBBUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBMS219b	125.32	BBBAAAABAABBBAABBABBBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BUBABAABAABAABBABBAABAABBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBMS219d	125.32	BBBAAAABABBBAABBABBBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BABABAABAABAABBABBAABAABBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	5H	GBM1436	128.54	BBBAAAABBBABBBBABABBBBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BABABAABAABAABBABBAABAABBBBAABBBAABBBAABBBAABBBAABBBAABB ABBBUBBBBBBABABAABAABUUBUBUABUBAABBAABBUBA
StxM	5H	GMS027	135.91	BBBUUUUBABBBBABABUBBAABBBAABBBAABBBAABBBAABBBAABBBAABB BABABAABAABAABBABBBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	5H	GMS001	183.25	<p>           ABAAAABUUAUBABAABUBBBABBBUAUBBUABBAABBUBAUUUUBAABAAAB            UUAABBBAAABBUABBBBAUBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	5H	GMS002	183.75	<p>           ABAAAABBUABBAUUAABBBBABABBBAAABBUABBAABBUBAUUUUBAABAAAB            BUAAABBBAAAABAABBBBAUBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	Bmac0316	7.16	<p>           ABBBAAABBUBBBBBBBBBBBAABAABABBABAABAABAAAABUABABBAABBBBBBAA            ABBAABABABBBAAABABABBBAAABBBBAAAAABABAABUBABAAAAAABAAAAAB            BAAABBAABBBABAABBBBABUAAABBBBBBBABAABABABAAA         </p>
StxM	6H	GBMS033	28.81	<p>           ABBBAAABBBABABBBBBAABAABBBABBBBBAABBBAAAABBBABBAABBABBBAA            AABAABAABBAABABBBABAABBBBUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GBM1355	40.43	<p>           ABBBBABAUBBUBBBBBABABAABUBABBBBUABBBABAABABABAAABBABBBBA            AABAUAABAABBAABAABBBUAABBBBAUAAAAAABBBBAABUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GBM1053	49.11	<p>           AUBBBBBBAUABABBBABAUAUUUBBUABUABAABBBAAAAUBAAAAAABAAAAB            UUABBAABAABUAAUUUAUUAAAUBUAAAABAAABBBAAUUAAUBBAAAABB            AABABAUUBAAAABAUBBABBBAABABBBBBAUUUUUUUUU         </p>
StxM	6H	GBM1212	55.10	<p>           ABBBBBBAABBABBBAAABABBBBBAABBABAABBBAAABABUAAAAAABAAAABB            AABBAABBAABBAABBAABBUAAABBAUAABAAAABBBAAABUUABBUAAAABBA            AAAABBBAAAUAUBABBAUUUBBAABUABBBBBBABAABAABB         </p>
StxM	6H	GBM1319	55.10	<p>           ABBBBBBAABBABBBAAABABBBBBAABBABAABBBAAABABUAAAAAABAAAABB            AABBAABBAABBAABBAABBBAAUABBAAAAABAAAABBBAAABUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	Bmag0807	56.11	<p>           ABBBBBBAABBABBBAAABABBBBBAABBABAABBBAAABAUBAAAAAABAAAABB            AAABBAABAABAAUBAAUBBABBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GBMS222	56.70	<p>           AUUBBUUABBBABBBAAABABBBBBAABBABAABBBAAABAABAABAAAAAABAAAABB            AABBAABBAABBAABBBABAABBAUAAABBAUAAABBAUAAABBAUAAABBAUAAABBA            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GMS006	57.88	<p>           UBBBABBUAABABBBAAABABBBBBAABBABUABBBAAABAUBAABAABAABAAAABB            AABBAABBAABBAABBBABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GBMS121	61.78	<p>           ABBAABBAABBBBBAABABBBBBAABBABAABBBAAABAUBAAAAAABAAAABB            ABBAABBAABBAABBBABBAAAAABBAUAAABBAUAAABBAUAAABBAUAAABBAUAA            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>

StxM	6H	Bmac0018	61.79	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAABAAAAABAAAABB ABBBABBAAABBAABBBABBAAAABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBMS135	62.03	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAUBAAAAABAAAABB ABBBABBAAABBAABUBABBAAAABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBMS178	62.03	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAABAAAAABAAAABB ABBBABUAABBAABBBABBAAAABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBMS201	62.03	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAABAAAAABAAAABB ABBBABBAAABBAABBBABBAAAABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBMS107	62.10	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAUAAAAAABAAAABB ABBBABBAAABBAABBBABBAAAABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	Bmag0009	62.21	UABBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABABBAAAAABAAAABB UBBBAABAUAABBBABBAAAABBABAUAABBBUABBAABBBAAAABBBUU AABABBBBAABAABBBABUBAAAABAABBABUABAABAABB
StxM	6H	HVM14	62.28	UUBUABUAAABBBBBBAABABBBBBBBABBABAABBBBAABABBAAAAABAAAABB BBBBAABAABBAABBBABBAAUUBBABAUAUAUABBBBAABBAABBBAAAABBAA AABABBBBAABAABBBABBBAABAABBABBABAABAABB
StxM	6H	GBMS083	62.43	ABBBABBAAABBBBBBAABABBBBBBBABBABAABBBBAABAUBAAAAABAAAABB ABBBABBAAABBAABBBABBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	Bmag0867	63.49	ABBBABBAAAUBBBBBAAABBBBBBBABBUBAABBBBAABAUBAAAAABAAAUB BBABBBABBBAABBAABBBABBAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBM1063	63.49	AUBBABBAAABBBBBBAABABBBBBBUBABBABAABBBBAABUBBAAAAAABAAAABB ABBBABBAAABAABBBABBAAAABBABAABBAABBBUABBAABBBAAAABBAA AABABBBBAAAAAABBBABBBAABAABBABBABAABAABB
StxM	6H	GBMS125	65.33	ABBBAABAABBBBBBAABABBBBBBBABBBAABBBBAABAUBAAAAABAAAABB ABBBABBAAABBAABBBABBABABBBBAUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	6H	GBMS180	70.16	ABBBAABAABAAAAABBBBAABABBABBBAABBBBAABBBUABAABAAAAABBAABB ABBBAAAAABBAABBBABBABABBBBAUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	6H	EBmac0602	75.42	<p>           ABBBBAAAAAABBBBBAAAABBABBBABBBBAABBBAAABAAAAAAAABBBAAAB            AABBBAAABAABBAABUBABBABBABA AUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	EBmac0806	75.46	<p>           ABBBBAAAAAABBBBBAAAABBABBBABBBBAABBBAAABAAAAAAAABBBAAAB            AUBBBAAABAUBAABBBABBABABBUABAABABUBBBUABBAABABABABBBB            UAABABBAUA AAAAAAABABBBBUAABBBBABBABAABAAABB            ABBBBAAAAAABBBBBAAAABBABBBABBBBAABBBAAABAAUAAAAAABBBAAAB            AABBBAAABAABBAABBUABBUBABBABABAABABABBBBAABUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	GBM1256	75.46	<p>           ABBBBAAAAAABBBBBAAAABBABBBABBBBAABBBAAABAAUAAAAAABBBAAAB            AABBBAAABAABBAABBUABBUBABBABABAABABABBBBAABUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	6H	Bmac0040a	113.19	<p>           AABBAABAABAABBABAABAABAABBBAABAABABBABA AAAAABABAABBBAAAB            ABBBBBABBA AAAABABBABABBA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	GBM1126	8.80	<p>           BBBBBAABBA AAAABABABABAUAABAABA AAAAABBBBBBBBA AAAABBBUABBA            AABABUABBUBBBBBUBBBAUABABAABBABA AAAABBAABABA AAAABAABAABU            UAAAAUAABUABUUUAUUUUUAUABBUUAUUAABBBUABB         </p>
StxM	7H	GBMS192	10.12	<p>           BBBBBAABBA AAAABABABABABBABA AAAAABBBABBBBA AAAABBBBABBA            AABABBABBABBBBBBBBABABUBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	EBmac0713	12.35	<p>           ABBBBBAABBA AAAABABABABA AAAAABA AAAAABBBABBBBA AAAABBBBABBA            AABABUABBABBBBBBBBABBBABA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	GBMS094	22.89	<p>           ABBBBBAABBA AAAABABABABA AAAAABA AAAAABBBBABBBBA AAAABBBBABBA            AABABBABBABBBBBABBBBABBA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	GBMS240	31.09	<p>           ABBBBBBABBA AAAAABAABA AAAAABA AAAAABBBBABBBBA AAAABBBABABA            AABBBABBABUABBBAAABBBBABBA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	GBMS139a	31.17	<p>           ABBBBBBABBA AAAAABAABA AAAAABA AAAAABBBBABUBAAAABBBABABA            AABBBABBABAABBBAAABBBUABABA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	GBM1326	31.24	<p>           ABBBBBBABBA AAUAUBABA AAAAABA AAAAUBAAAABBBBABABA AAAABBBABA            AABBBABBABBABUBUAUBBBABBABA AAAUBABA AAAABBAABUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>
StxM	7H	EBmac0603	35.39	<p>           ABBBBBBABBBABAABAABA AAAAABA AAAAABBBBABBBBA AAAABBBABA AAAA            ABBABBABBABBBAAABBBBABBA AUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU            UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU         </p>

StxM	7H	GBMS129	46.02	ABBABBBABBABABAAAABAABABAAAABBAAABBBBBAUBAAAABBABAAA ABBBABAABBABBBAAABABBABBABAAUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmag0914	46.85	ABBABBBABBABABABAABAABABAAAABBAAABBBBBAUBAAAABBABAAA ABBBABAABBABBBAAABABBAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	GBMS035	46.85	ABBABBBABBABABABAABAABABAAAABBAAABBBBBAUBAAAABBABAAA BBBABUABBABBBAAABABBABBABAAUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmac0187	72.57	ABAABABABAABBABABAABBBBBAAAAABBAAABABABBBBBAABAABAAB BABBBAAABABBBBBAABBAUUAUABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmag0900	75.68	AAAABABABAABBAAUAAABBBBBAAAAABAABAUBBBUBBBAABAABAAA ABBABBBAAAUBBBBABAABBUBUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	GBMS2193c	77.38	AAAABABAABABBAAAABBABBAAAAABAABABABBBBBAABAABAABAAA BBUBBBAAABABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmag0341	78.22	AAAABABAABABBAAAABBABBAAAAABAABABABBBBBAABAABAABAAA BBABBBAAABABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	GBMS164	78.22	AAAABABAABABBAAAABBABBAAAAABAABABABBBBBAABAABAABAAA BBABBBAAAABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	GBMS254	78.22	AAAABABAABABBAAAABBABBAAAAABAABABABBBBBAABAABAABAAA BBABBBAAAABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	GBMS041	78.98	UBAABABABBUBBAABAABBBBBAAAAABAABABABBBBBAABAABAABBB BABBBAAABABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmac0273a	80.78	AAAABABABAABBAAAABAABBBBBAAAAABAABABABBBAABBAABAABAAA BUABBBAAABUBBBBABAABBBAAAABAAAABBBAUAAUAABAAABABAAABB AAABBBBBAAAAABAABABBUBBABBAAABABBAABAABBA
StxM	7H	GBMS003	80.80	AAAABABABAABBAAAABAABBBBBAAAAABAABABBBBUBBBABAABAABAAA BBABBBAAABABBBBABAABBBAAAABUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU

StxM	7H	GBMS111	83.80	A A A A A B A B B A B B A A B A A B B B B B A A A A A B A A B A B A B B B U B B B A A B A A B A A A A B B A B B B A A A B A B B B B B A B A A B B B A A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GMS046	84.04	A A A A A B U U B A B B A A B A A B B B B B A A A A A B U U B A B U B B B U B B U U A B A A B A A A U B B A B B B A A A B A B B B B B A B A U B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	Bmag0507	84.10	A A A A A B A B B A B B A A B A A B B B B B A A A A A B A A B A B A B B B B B B A A B A A B A A A A A B B A B B B A A A B A B B B B B A B A A B B B A A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	Bmag0746	84.12	A A A A A B A B B A B B A A B A A B B B B B A A A A A B A A A A B A B B B U B B B A A B A A B A A A A A B B A B B B A A A B A B B B B B A B A B B B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GBM1494	84.28	A A A A A B A B B U B B U A B A A B B A U A U A A U A B A A B A B A B B B A U B U A A U B A U U A A A B B A B U B A A A B A U B B U B B A A U B B A A A A B A A A A B B B A B A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GBMS063b	84.28	A A A A A B A B B B B B A A B A A B B B B B A A A A A B A A B A B A B B B A B B B A A B A A B A A A A A B B A B B B A A A B A B B B B B A B A A B B B A A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GBM1058	89.62	A A A B B A B A B A B B B A A B A A B B B B B A A A A U A B A A B A B U B B B B B B B B A B A A B A A A A U U A B U B A A A B A B B B B A A B A B B B B A A A B A A A A B B B A B A A A A A A A A B A B A B A B B B A A A B B B B B B A A A A A A A B A B B A U A A B B B A B A A B B A B B A U U U U U U U U U
StxM	7H	GBMS141	93.04	A A A B B A B A A B B B B A A B A A U B B B B A A A A B A B A A B A B A B B B U B B B B A B A A B A A A A B B A B A B A A A B A B B B B A A B A B B B B A A A B U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GBM1174	93.86	A A A B B A B A A B B B B A A B A A B B B B B A A A A B A B A A B A B A B B B A B B B B A B A A B A A A A B B U B A B A A A B A B B B B A B B A B B B B A A A B A A A A B B B A B A A A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	GBM1419	95.75	A A B B B A B A A B B B B A A B A A B B B B B A A A A B A B A A B A B A B B B A U B B B B A B B A B A A A A B B A A U B U A A B A B B B B A B B A B B B B A A A B A A A A A B B B A B A A A A A U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U
StxM	7H	Bmag0120	97.00	A A B B B A B A A B B B B A A B A A B B B B B A A A A B A B A A B A B A B B B U B B B B A B B A B A A A A B B A A A B A A A B A B B B B A A B A B B B B A A A B A A A A A B B B U B A A U A A A B A A B A A B B B A U A B B B B A U A A A A A U U A B B A B A U B B A A A A A A B B B A A B A A A B A A
StxM	7H	GBM1006	100.10	A A B B B A B A B A B B B A A B A A B B B B B A A A B B B A B A A B A B A A B B B B B B A B B A B A A A A U U A A A B U A A B A B B B B A A B A B B B B A A A B A A A A A B B B A B A A A A A B A A A A B A B B B B A A A B B B B B A B A A U A A A B A B B B A B A A U B A A A B B A B B U A U U U U U U U U



StxM	7H	GBMS088	111.32	ABBBBABAABABBAABAABBBBBBAABBABBABABAABBUBBBBBBBABAABAB BAABBAABABBBBBABAABAABAAAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
StxM	7H	Bmac0156	136.42	ABBBBABBABABUAABAABBBUBBBBUAABBABABBABBBBBBBBBBABAABBA UBABBAABUBABBAABUAABAAAABBUAAAABBABAUBABBAABAAABAABBA BBUBBBBABAABABBBABBBAAUBUBBBABBBBAAAABBAABAB
StxM	7H	Bmag0135	147.51	ABBBBAAABABABBABBAABBBBBBBBBBAABBABAABABBBBBBBBBBBABBABBA UUBBBAAAAUBAABAABAABAAAAAABBBAAAAABAABAAAUBABBAABAAAABAAA BBAABBBAAUAAABBBBABAABAUAUUBBABBBAABAAABBAABAB
StxM	7H	GBMS183	154.36	ABBBBAAABBBAAUBABBAABBBBBBBBBBAABBABABBABBBBBBBBBBBABBABBA BBBBBAABBAABAABAABAAAAAABUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
OWB	1H	GBM1007	26.45	ABAABBABAABUBBBABBBBABABBBABABBABABBBBBBBBABABABBBBBBBBB AAABBABABAABABBBBABABABAABBBBAAABBAABBA
OWB	1H	Bmac0399	28.86	ABAABBABAABBBBBBABBBAABBBBABABBABABBBBBBBBABABABBBBBBBBB AAABBABABAABBBBBBABAABABAABBBBAAABBAABBA
OWB	1H	GBM1042	45.99	ABBAABABAABUBBBABABBABABBBAAABBABBBABBBBBBBBABABBABBBB AABBBBABABAABBBBABAABABAABBBABBAABABBBBA
OWB	1H	GBM1311	58.66	ABBAABUBAABUBBBABAABAABBBBAABBABUBABBBBUBBAAAAUUBABBAB AABBUAAAABBAABBBAAUAAAUAUBAABBABBAABAAUBBA
OWB	1H	GBM1032	59.19	ABBAUBABAABUBBBABABBAAABBBBAABBABBBABBBBBBBBAABABBABBBUB AABBBAAABBAABBBAAABAABABAABBBABBAABAAABBBBA
OWB	1H	Bmag0211	60.42	ABBAUBAUAABBBBUABAABAABBBBAABBABBBABBBBBBBBAABABBABBBAB AABBBAAABBAABBBAAABAABABAABBBABBAABAAABBBBA
OWB	1H	GBM1004	60.42	ABBAABABAABUBBBABAABAABBBBAABBABBBABBBBBBBBAABABBABBBAB AABBBAAABBAABBBAAABAABABAABBBABBAABAAABBBBA
OWB	1H	GBM1025	60.42	ABBAUBABAABUBBBUBAABAABBBBAUBBBABUABBBBBBBBAABABBABBBAB AAUBBAAABBAABBBABAABAABABAABBBAAABAAABUBBA
OWB	1H	GBM1029	60.42	ABBAABABAABUBBBABAABAABBBBAABBABBBUBBBBBBBBAABABBABBBAB AABBBAAABBAABBBAAABAABABAABBBABBAABAAABBBBA
OWB	1H	Bmac0144h	61.06	ABBAABAUAUBBBUBABAABAABBBBAABBABBBUBBBBBBBBAABABBABBBAU AABBBAAABBAABBBAAABAABABAUBBBABBAABAUBBBBA
OWB	1H	GBM1070	61.06	ABBAABABAABUBBBABAABAABBBBAABBABBBABBBBBBBBAABABBABBBAB AABBBAAABBAABBBAAABAABABAABBBABBAABAAABBBBA

OWB	1H	GBM1234	61.06	ABBAABUBAABUBBUABUABUAABBBAAABBBABUABBBBBBUAAUABBBABBAB AABBBAAABBAABBUABAAABABAABBUBBUAAABBBBA
OWB	1H	GBM1072	68.22	ABBAABABAABUBABABAABAAABBBAAABABABBABBBBBBBAAABBBABBAB AABBBAAABBAABBAABAAABABAABBBABBAAAABBBBA
OWB	1H	GBM1051	69.17	ABAAABABAABUBABABA AUUAABBBAAABABABBABBABBABA AAAABBBABBAB AUBBBAAABUUABBAABAAABBAABBBABBABAABBBBA
OWB	1H	GBM1334	70.69	ABAAABABAABUBABABAABAAABBBAAABBBABBABBABBABA AAAABBBABBAB AABBBAAABBBAAABBAABAAABBAABBBABBABAABBBBA
OWB	1H	Bmac0032	73.74	ABAAAAAUABBBBABAUAABAAABBBAAABBBABBABBABBBAUAAAABBBABA BAABBBAAABBAABBAABAAABBBABBBUABBAUAABUBBU
OWB	1H	scssr10477	79.09	ABAAUUAUAABUUABABUABAAAUABAABUBABBUBBUUBBUUAUAUUBAABA UAABBBUAUBBAUABBAABAAABBBABBBUBBABAABBBB
OWB	1H	GBM1411	79.91	ABAAAAUBUABUBABABAABAAABABAABBBABBABBABBABA AAAABBAABA BAABBBAAABBAABBAABAAABBBABBBBABBABA AAAABBB
OWB	1H	Bmac0144a	91.79	ABAAAABUBUBBBBBBABAABABAABAABBBBBBUABBABBAAABAABA AAAABBU AAABBABABA AAAABAABAABBBBABBABBBAUAABB
OWB	1H	GBM1092	91.79	ABAAAAUUBABUUBBUBAAABABAABAABBBUBABBABBAAABAABA AAAABB BAABBBABABA AAAABUABAABBBABBUUUBUABBAAAUBB
OWB	1H	GBM1143	92.93	ABAUAAUBBUBUBBBUBAAABABAUBAABBBBBBUUBUBBAABA AAAAABB AAABBABABA AAAABUABAABBBABBBBABBUBBAUAABB
OWB	1H	Bmag0113h	93.50	ABAAAAUBBABUBBUABAABABAABAABBBBBBABBABAABAABA AAAAABB BAABBBBBBABA AAAABABAABAABBBABBBBABAUBUAAAABB
OWB	1H	GBM1272	99.67	ABBAABBBBBBUBBBBABAUBABAABAABBBUUUUBBABBABBBAABA AAAABB AAABBBAAAAAABABAABA AUUBABBUBABBABAUAABB
OWB	1H	GBM1061	130.75	ABBABBABBBBUABBABBABABABABABBBBBBBBAAAABBAABBBBBBBABBAB BBABBAAAAAABBABAABAABBAABABBBBAAAABBAABB
OWB	1H	WMC1E8	131.93	ABBABBABBBBUBABBABABABABABBBBBBBBAAAABBAABAABBBBBBBABBAB BBABBBAAAAAABBABAABAABBAABABBABAABAABBAAABB
OWB	1H	scssr02748	133.46	ABBABBABBBBUABBABBABABUBABBBBBBBBAAAABBUAABBBBBBAUBAB BUABBBAAAAAABBABAABAABBAABABBABAABAABBABBU
OWB	1H	GBM1204	139.81	ABBABBABBBBUABBABBABABBBABBUBBBBAAAABBAABAABBBBBBAABA BBABABA AAAAABBABAABAABUABAUBABAABBBABUB
OWB	1H	scssr04163	139.81	ABBABBABBBBUABBABBABABBBABBUBBBBBBAAAABBUAABBBBBBAABA BBABABA AAAAABBABAABAABBAABABBABAABAABBABB
OWB	1H	scssr08238	139.81	ABBABBABBBBUABBABBABABBBABBUBBBBBBAAAABBUAABBUUBBAABA BBUAABA AAAAABBUABAABAABBAABABBABAABAABBABB

OWB	2H	Bmac0134	10.87	BBBBUBBBAAUAAABUBAABAAABABBBBBUBBAAABUUBBUBBAUBUUBAAAUA BBBBUBBBBBBBBAUUBAAUBBAUAAABBBBABBBABBA
OWB	2H	GBM1281	20.79	BBBBBUBAAAUBBBBABBAUABABBBBBBBBAAABUABBABAUABBABAAAAA AUBBABAUBBBABBBAAUBAAABBBAAAAAABBABABBABBA
OWB	2H	scssr10226	46.63	BBBBABBBBBBAUBBBAAABAABBABBBBBBBBAAAAAABBUA AAAABABABABBA ABBBABBBBBBABBAAABABABBBBAAAABABBAAAABABAB
OWB	2H	scssr07759	48.58	BBBBABBBBBBAUBBBAAABAABBABBBABBBBAAAABAAAABBUA AAAABABBBABBA ABBBABBBBBBABBAAABABABBBBAAAABABBAAAABABAB
OWB	2H	GBM1011	49.90	BBBBABBBBBBAUBBBAAABAABBABBBABBBBAAAABAAAABBAAA AAAABABBBABBA ABBBABBBBBBABBAAABABABBBBAAAABABBAAAABAAAAAB
OWB	2H	GBM1066	49.90	BBBBABBBBBBAUBBBAAABAABBABBBABBBBAAAABAAAABBAAA AAAABABBBABBA AUBBABAUBBBBABBBAABABABBBBAAAABABBAAAABAAAAAB
OWB	2H	Bmac0218a	51.14	BBBBAAABBBAAABBAUAAABAABBABBBABBBBAAAABAAAABBAAA AUABBBABUA ABBBABUBBBABBBAAABABABBBBAAAABABBAAAABAAAAAB
OWB	2H	GBM1251	58.80	BBAUAAUBBBBAUBBUAAABAUBBABBBAABBBAABBAABUABAAAABUAAAAB UABBBBBUBBBBBUBAABABABBBBAAABABUABAAAABUAAAAB
OWB	2H	scssr03381	63.61	BBABAABBBBAUBBAAAABAABBABBBABBBAAABABAABBAABBA AAAAB ABBBABBBBBBBBABBABABBBBAAAABABAABBAABAAAAAB
OWB	2H	EBmac0684b	69.58	BBABAABBBBAAAABAABBAABBABBBABUBAABABAABBBAAA AAAABBBABA ABBBABBBBBBABAABBBABBBBAUBABUABBAAAABAAAAAB
OWB	2H	GBM1023	70.80	BBABBABBBBAAUABAAAABBUBBBABBBABBBAAABABABBBBAAA AAAABBBABA BUBAABBBBBBABAABBBABAABBBAAAABABBABBAABAAAAAB
OWB	2H	GBM1024	70.98	BBABAABBBBAAUABAAAABBABBBABBBABBBAAABABABBBBAAA AAAABBBABA BUBAABBBBBBABAABBBABAABBBAAAABABAABBAABAAAAAB
OWB	2H	scssr00334	70.98	BBABAABBBBAAUABAAAABBABBBABBBABBBAAABABABBBUBAAA AAAABBBABA BBBABBBBBBABAABBBABAABBBAAAABABAABBAUBAAAAAB
OWB	2H	EBmac0525	70.98	BBABAABBBBAAAABUAAABBABBBABBBABUBAABABABUBBAABA AAAABBBABA ABBBABBBBBBABAABBBABAABBBAAAABABAABBAABAAAAUAB
OWB	2H	scssr12344	71.06	BBABAABBBBAAUABAAAABBABBBABBBABBBAAABABAABBAABUAAA AB ABBBABBBBBBABAABBBABAABBBAAAABABAABBAABUAAAUB
OWB	2H	GBM1119	72.09	BBABAABUBBAUABUAAABUBABABBBABAAABUBAAAUBAAAAAAAABBABA AUBBABBBBBBABBBAABBBABBBBAAAABABUABBAAAABAAAAAB
OWB	2H	GBM1225	72.09	UUUUUUUBBAAUABUAAABABUBABBBABAAABABAAAABUAAAAAAAABBABA ABBBABBBBBBABBBAABBBABBBBAAAABABBABBAAABUAAAAB
OWB	2H	GBM1232	72.16	BBABAABUBBAUABUAAABBBBBBABBBAABABAABBAAAAUAABBABA ABBUABBBBBUBABABBBABBBBAAAABABBABBAAABUAAAAB

OWB	2H	scssr02236	72.30	BBABAABBBAAUABAAAABBABBABBABBABBABAABABAABBBAUAAAAAABBABA ABBBABBABBABABABBABABBAAABABAABBAAABAAAAAB
OWB	2H	GBM1218	72.46	BBABUABBBAAUABAAAABBAUBABBBBABAUAUABABBAAAAAABBABA ABBBABBABBABABABBABAUBBAABABBABBAAABUAAAAAB
OWB	2H	Bmag0378	76.11	BBUBBUBBUAAABBUAABBABBABBUBBUABABUBBBBABBUBAUBBABUU BBBUUBBBBABUBUBBBBUABBAUBABBUBBUABUAAUAB
OWB	2H	Bmag0113e	79.78	BBABBAUABAAUBBUAABBABBABBABBABAABABABABAABBAAABAABAAAAA BBBAABABAABABABBABBABBAAABABBABUAAUAAAAAB
OWB	2H	Bmac0144f	86.13	BAABBABUBUAABUAAABBAABBAAABABBAAAAUABABAABBABBAAAAABA UABAAABBBBABBABBABBAAUABBABBABBBAUAAAB
OWB	2H	Bmac0144i	89.83	BBBBBBBUBUAAAUAABBAABBABBABBBAABBUBBAAAABBABBAAABBAAAU ABBAABBABBABBABBABBABUABBABBABBBAUABA
OWB	2H	Bmag0125	89.83	BBBBBBBBAABAABBAABBABBABBBAABBABBAAAABBABBAAABBAAAA ABBAABBABBABBABBABAUBABBABBABBABBBAABA
OWB	2H	GBM1062	95.73	BBBBBBBBAAUBBAAABBAAABBABBABBBAABBABBAAAABBABBABBABBABA AUBAABABBABBABBABBABBABBABBABBBAABA
OWB	2H	Bmac0144b	99.81	BBBBBBBUBUABBAABBAAABBABBABBBAABBUBBAAAABBABBABBABBABA BBBAABABBABBABBABBABBABBABBBAUUAABB
OWB	2H	GBM1208	102.85	BABBABBABUAAUUUUUBAAUUAABBABBAAABUUUAABBABBABBABBABA BABBAAAAUBBBABBABBABBABBUBBBABBBAABAABA
OWB	2H	GBM1309	107.18	BABBABUABAAUBAABAABAABAABBBAUABBABBAAAABBABBABBABBABA ABAAAAABBBAABBABBABBABBABBBAUUUAAA
OWB	2H	GBM1149	107.89	BABBABUABAAUBAUBBABAABAABBBAUABBABBAAAABBABBABBABBABA ABAAAAABUBBAABBABBABBABBABBABBABBBAABBAAA
OWB	2H	EBmac0415	117.86	BAABBBBABAAABAUBBBBABBAAAABBABABABBABBAAAABUBBBBABBABA BBABBAAABBABBABBABBABBABBABBABBABBBAABBAAA
OWB	2H	GBM1016	117.86	BAABBBBABAUAABBBBABBAAAABBABABABBABBAAAABBABBABBABA BBABBAAABBABBABBABBABBABBABBABBABBBAABBAAA
OWB	2H	GBM1498	125.71	BAABBUAABAUBABBABBABBAAAABBABBABBABBAAAABBABBABBABA BBABBAAABBABBABBABBABBABBABUABBABBABBABBAAA
OWB	2H	GBM1047	129.66	BAABBABABBAUBABBABBABBAAAABBABAABBABBAAAABBABBABA BUAABAABABBABBABBABBABBABBABBABBBAABBAAA
OWB	2H	GBM1462	137.85	BAABBUAABBAUUABBABBABBAAUABBABBAAABBABBAAAABBABBBA BBABBABBABBAAABBABBABBABBABBABBABBAAAABBAAA
OWB	2H	GBM1019	138.70	BAABBABABBAUBABBABBABBAAAABBABAABBABBAAAABBABBBA BBUABBABBABBABBABBABBABBABBABBABBBAABBAAA

OWB	2H	GBM1475	149.47	B A A B B A U A A B B U B A B B B B A A B A A A B B B A B A A A A B B B B A A A A B B B A B B A A B A B B B B B A A B B A B A B B B A A B B B A B B B A B B A B B A B A B A A U B B A A A
OWB	2H	GBM1012	149.81	B A A B B A B A A B B U B A B B B B A A B A A A B B B A B A A A A B B B B A A A A B B B A B B A A B A B B B A B A A A B B B A B A B B B A A B B B A B B B A B B A B B A B B A B A B A A B B B A A A
OWB	2H	GBM1421	156.38	B A A B B A B A A B B U B A B B B U B A A B A A A B B B A B A A A A A B B B A A A A B B B A B B A A B A U B A B A A A B B B B B B B B A A B B B B B B A B A B B A B B B B A B A B B A B A A A
OWB	2H	GBM1036	156.39	B A A B B A B A A B B U B A B B B B B A A B A A A B B B A B A A A A A B B B A A A A B B B A B B A A B A U B A B A A A B B B B B B B B A A B B B B B B A B A B B A B B B B A B A B B B B A A A
OWB	2H	scssr08447	156.49	B A A B B A B A A B B U B A B B B B B A A B A A A B B B A B A A A A A B B B A A A U B B B A B B A A B A A B A B A A A B B B B B B B B A A B B B B B B A B A B B A B B B B A B A B B B B A A A
OWB	3H	GBM1280	3.83	A B B A A B U A A A A U B A B A B A B A A A U B A U A A A B A B B B B B A B B A B A B B B B A U U U U U U U U U U B A B A A B A A B A B B A A B A A A B A A B U B B A A B B A A A B A U B B
OWB	3H	GBM1078	15.39	A A B A A B U A A A A U B A B A B A B A A A A A B A A A B A B A U U A A A A A B A B B U B A B U B A B B A A B A B B A B A A B A A B A B B A A B A A A B A B A A B B U A B B A A U B B A A B
OWB	3H	GBM1010	17.38	A A B A A B B A A A A U B A B A B A B A A A A A B A A A B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A B A A A A B B A B B A A B A B B B A B A A B B A A B B A A B B B A A B
OWB	3H	GBM1040	20.49	A A B A A B B A A A A U B A B A B A B A A A A A B A A B B B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A A A A A A B B A B B A A A A B A B A B A A B B A A B B B U B B B A A B
OWB	3H	GBM1073	20.49	A A B A A B B A A A A U B A B A B A B U A A A A A B A A B B B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A A A A A A B B A B B A A A A B A B A B A A B B A A B B B A B B B A A B
OWB	3H	GBM1074	20.49	A A B A A B B A A A A U B A B A B A B A A A A A B A A B B B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A A A A A A B B A B B A A A A B A B A B A A B B A A B B B A B B B A A B
OWB	3H	GBM1159	20.49	U U U A A U U A A A A U B A B A B A B A A A A A B A A B B B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A A A A A A B B A B B A A A A B U B A B A A B B A A B U B A U B B A A B
OWB	3H	HvLTPPB	20.49	A A B A A B B A A A A A B U B A B A B A A A A A B A A B B B A B A A A A A A A A B A B B B B A B A B A B B A A B A B B A A A A A A B B A B B A A A A B A B A B A A B B A A B B B A B B B A A B
OWB	3H	scssr10559	23.26	A A B A A B U A B A A U B A B A A A B A A A A A B A A B B B A B A A A A A A A A U B B B B A B A A A B B A U B A B B U A A U A A B U A B B A A A A B A B A B A A B B A A B B B A B B B A A B
OWB	3H	GBM1300	47.34	B A B U A B U B A B U B B B A A A B A U A A A A A B B B B A B A A A A A A A A B A A B B B B B A A A A B A A B A A B A A B B B B B A A A B A A A A B A B A B A A B B A A B B U B U A B A A A
OWB	3H	GBM1413	49.69	B A B B A B U B B A B U B B B A A A B A U A A A A A B B B U U A A B A A U A B B A A B B B A B A A A A B A A B A A B A A B B B B B A A A B A A A A B A B A B A A B B B A B B B B A A B A A A
OWB	3H	Bmac0067	49.76	B A B B A B A B B B A B A B B U A A A B A A A A A A B B B B B A A B A A A B B B A A B B B A B A A A A B A A B A A B A A B B B B B A A A B A U U A B B U B A U B B B A B B B B B A B A A A B
OWB	3H	GBM1425	50.55	B A B B A B U B U A B U B B B B A A B A A A A A A B B B B A B A A A A U A B B A A B B B U B A A A A B A A B A A B A A B B B B B B A A B A B A A B A B A B A A B B B A B B B B U A B A B A

OWB	3H	Bmag0136	52.09	B A B B A B A B B B A B A B B B A B A B A A A A U A A U B B B B U A B A A B A B B A U B B B A B A A A A B A A B A A B A A B B B B B B A A B A B A A B A B A B A A B B B B A B B B B B A U A A A
OWB	3H	Bmac0209	52.39	B A B B A B A B B B A B A B B U B A A B A A A A A A A B B B B B A A B A A B A B B A A B B B A B A A A A B A A B A A B A A B B B B B B A A B A B A A B A B A B A A B B B A B B B B B A B A A A
OWB	3H	GBM1123	53.24	B A B B A B U B B A B U B B B B A A B A A A A A A A B B B U B A U U A A B A B B A A B B B A B U A A A B A A B A A B A A B B B B B B A A B A B A A B A B A B A A B B B A B B B B A A B A A A
OWB	3H	Bmag0113b	53.57	B A B B A B U B B A B U B B U B A A B A A A A A A A B B B B B A A B A A B A B B A A B B B A B A A A A B A A B A A B A A B B B B B B A A B A B A A B A B A B A A B B B A U B B U B A B A A A
OWB	3H	GBM1242	55.43	B A B B A B U B B A B U B B B B A A B A A A A A A A B B B B A B A A B A A B A B B A A B B B A B A A A A B A A B A A B A A U U B B B B A A B A B A A B A A A B A A B B B A B B B B U A B A B A
OWB	3H	GBM1110	60.27	B A B B A B U U U U U A B U B A U B U U A A A A A B B B B B A B A A U A A B A U A A A B B B A B A A A A B A A U A B B A A B B B B B B A A B A B A A B A A A B A A B B B A B B B B U A B A B A
OWB	3H	GBM1495	62.57	B A B B A B U B B A B U A B B B A A B B A A A A A B B B B A B A A B A A B A B A A A B B B A B A A A A B A A B A B B A A B B B B B B B A B A B A A B B A A B A A B B B A A B B B B A B A B A
OWB	3H	GBM1253	66.38	B A B B A B U B B A B U A B U B A A B U B A A A A B B B A A B A A U A A U A B A A A B B B A B A A A A B B A B B B U A A B B B B B B B A B A B A A B B U A B A A B U B U B B B B A U A B A
OWB	3H	GBM1162	67.36	B A B B A B U B B A B U A B B B A A B U B A A U A B B B A A B A A B A A B U U A A A B B B A B A A A A B B A B B B B A A B B B B B B B A A A B A A B B A A B A A B B B B A B B B B A B A B A
OWB	3H	scssr25691	68.16	B A B B A B B B B A B U A B B B A A B B A A B A A B B B A A B A A B A U B A B A U A B B B A B A A A A B B A B B B B A A B B B B B B B A A A B A A B B B A A B A A B B B B A B B B B A B A B A
OWB	3H	HVM60	73.19	B A B B A B B A B A B A A B B A A A B B A A B A B B A A A U A A A B A A B A B A U B A B U A A U A A A B B A A B B A A A U B U B B B U B A A B A A B B A B U A B B B B B A B B U B U B A B A
OWB	3H	Bmag0225	75.54	B A B B A B B A B A B A A B U B A A B B A A B A B B B A A A A A A B A B B A B A A A B B A A B A A A A B B A B B B A A A B B B B B B B B A A B A A B B A B B U B B B B B A B B B B A B A B A
OWB	3H	GBM1405	86.33	B B B B B U U U U U A B B B A B B B A A B A B B B A A A A A B B A A B A B A B A B B A A B A A A B B B A B B B A A B B B A B B B B B A A B B B B B A B B A B B B B B A B A B B B B B A A
OWB	3H	GBM1014	87.47	B B B B B B A B A B U A B B B B B B B A A B A B B B A A A A A B B A A B A B A B B B A A B A A A B B B A B B B A A B A B A B B B B B A A B B B B B A B B A B B B B B A B A A B B B B A A
OWB	3H	GBM1233	89.66	B B B B B U A B A B U B U B B B B U B A B A B B B A A A A A B U A A B A B A B A B B B A A B A A A B B B B B B B A A B A B A A U B B B A A B B B B B A B B A B B B B B A B A A U B B B A U
OWB	3H	GBM1043	90.39	U B B U B B B A B A B U U U B B B B B B A A B A B B U A A A A A B B A A B A B B B A B B A A B A A A B B B B B B U A A B A U A A B B B B A A B B B B B A B B A B B B B B A B A A A B B B A A
OWB	3H	Bmag0013	113.70	B B A B B A A B A A B B B B U B B B A B A B A A B B B B B B A B B A B A B B B B A B B B B A U B B B B A B A B A B B A B A A B B B B A B B B B B A B B B B U B A A B B B U B B B A B
OWB	3H	GBM1050	128.98	B B A B B A A B A A B U B B A B B B A B A B A A B B B B B B A B B A A A B A A B B B B A B A A A A A B B B A A A A A B B B A B A A B A B B A B B B B B A B B B B B B B A A B B A A B A B A B

OWB	3H	GBM1056	128.98	BBABBAABAABUBBABBABABAABBBBBBABBAAABAABBBBBABAAAAABBBAA AUAABBBABAABABBABBBBBBABBABBBBBBABBAAABABAB
OWB	3H	GBM1059	128.99	BBABBAABAABUBBABBABABAABBBBBBABBAAABAABBBBBABAAAAABUBA AUAABBBABAABABBABBBBBBABBABBBBBBABBAAABABAB
OWB	3H	Bmac0144k	136.17	BBABBBBAUAUBBBUABBBABABAABBBBBBABBBAUAAAABBBBBABAAAAABBAU AAABBBBABAABABBABBBBABBAAABBUABBBAAABBAUAAAB
OWB	3H	HVM62	139.43	BBBBBBBABAABBBBBABBABABAABBBBBBABBBAAAAAABBBBBABAAAAABBBAA AAABBBBABBABABBABBBBABBAAABBBABABAABBBAAABAAAB
OWB	3H	Bmac0029	156.87	BBBBBBBABBABUUAUBBAAABAABUBBABAUBAAAABBBBBBABAABAAAAABBBAA AABUABABBBBBBBBBBBAABABABAAAABAABBBAAAAAAA
OWB	3H	GBM1069	157.51	BBBBBBBABBABUBAABBBAAAABBABBABABBBAAAAABBBBBBABAABAAAAABBBAA AABBABABBBBBABBABBBBABAABABABAABAAAABBABBBAAAAAAA
OWB	3H	scssr25538	157.51	BBBBBBBABBABUBAABBBAAAABBABBABABBBAAAAABABUBBABAAAAABBBAA AABBABABBBBBUBBBUBAABABABAABAAAABBABBBAAAAAAUA
OWB	4H	GBM1501	0.00	BBBBBAUAABBUABABBBBBBBBAAAABABAUAABAAAAABAABBBABBBBABBBA AAAAAABBBBAAABABBABABABAAAAAAUAABBAABAAA
OWB	4H	GBM1221	14.65	ABBABAUAABUBAUABBBBBBUAAAABBAABAAAUBBAABABBBBBBABBBA AABAAAABABAABAUAUABABABAAAAAAAABAAABAAB
OWB	4H	GBM1465	17.06	ABAABAUUUABUUABABBBBBBBBAAAABBAABBAAAAABBAABABBBBBBABBBA AABAAAABUBBBABUBBABBBAABAAAAAAAABAAABAAB
OWB	4H	GBM1525	17.06	AUAAUAUAABUBABABBBBBBBBAAAUBAABBAAAAABBAABABBBBBBABBBA AAABAAAABABBBBABABBABBBBABAABAAAAAAAABAAABAAB
OWB	4H	GBM1055	18.43	ABAABAABAAAABUBABUBBBBBBBBAAAABBAUUBAAAABBAABABBBBBBUBA AABAAAABUBBBABABBABBBBABAABAAAABAAAABUABAAB
OWB	4H	HVM40	22.40	ABAABAABAAAABABABABBBBBBBBAAAABBAABBAABABBBBABAABBBBABBBA AABAAAABABBBBABABBABBBBABAABAAAABAAAABAAABAAB
OWB	4H	GBM1323	28.96	ABAABBUAAAUBABABBBBABBBAAAAABBAABBAABABBBBABAABBBBABBBA AABABBBABBBABABBABBBBABAABAAAAAAUABAABUUU
OWB	4H	HVKNOX3	40.19	ABAABBAABABABABBBABBBBAAAAAAAABBBBABBBAAABABBBBBBBBBBA AABABBBABBBABABBAABBABABBAAABAAAABAAABAAB
OWB	4H	scssr20569	44.87	ABAABBAABAAAUBABABBBBABBBAABAAAABBBBABABBUABABBBBABBBA AABAABBBABBBUBABBAABBABABBAAABABAABAAABAAB
OWB	4H	GBM1452	54.87	ABAABBUAAAUBABBBBBBABBABBBAAAAABBBBBBABAABABBBAAABBBBA AABAABBBABBBABABBABBBABBBAAABBAABBAAAAAB
OWB	4H	Bmag0113g	56.28	ABAABBUAAAUBAUBBBBAABBABBBAAAAABBBBBBABAABABBBBABBBA AABAABUABBBABABBABBBABBBAAABABUABUAAAAB

OWB	4H	GBM1236	57.15	ABAABBUAAAAUBAUBBBBBAAUUUBBAAABABBBBBBAABAABABBBBAUBBBBA AABAABBABBBABABBBABBBABBBAAAUBAABBAAAAAB
OWB	4H	GBM1422	57.15	UBAABBUAUAUBABBBBBUABBAUBAUABABBUBBBAAUAUAUBUBBBBBBA AAUAUBBABBBSUUUBBBABBSUUUUUAAAUAABBAAAAAB
OWB	4H	Bmac0303c	57.50	ABAABBAAAAAABABBBBBBAUBBUBBAAAUAABBBBBBAABAABABBBABBBUBA AABAUAUBAUBBABAABBBABBBABBBUABABAABBAAAAAB
OWB	4H	Bmag0218	57.50	ABAABBAUAAAAABAUBBBBBABBBABBBAAAAABBBBBUABAUAUUBBBABBBBBBA AABAABBABBBABABBBABBBABBBABBBABABAABBAAAAAB
OWB	4H	Bmag0384	57.50	ABAABBAAAAAAABAUBBBBBABBBABBBAAAAABBBBBBAABAABABBBABBBBBBA AABAABBABBBABABBBABBBABBBABBBABABAABBAAAAAB
OWB	4H	GBM1067	57.91	ABAABBAAAAAAUBABBBBBBAABBBABBBAAAAABBBBBBAABAABABBBABBBBBBA AABAABBABBBABABBBABBBABBBABBBABABAABBAAAAAB
OWB	4H	HVM03	58.33	ABAABBAAAUAABAUBBBBBABBBABBBAAAAABBBBBBAABAABABBBABBBBBBA AABAABBABBBABABBUAUBABABBAABABAABBAAAAAB
OWB	4H	scssr18005	58.33	ABAABBAAAAAAUBABBBBBBAABBBABBBAAAAABUBBBBAABUABABBBABBBUBA AAUAABBABBBABABBBABBBABBBABABAABBAAAAAB
OWB	4H	Bmac0186	63.89	UBAAAABAABAABBBSBBABAABBBSBBAAAAABBSBBBAABAABBBSBBAABSBBAA AABAABBABBSBAABBBSBAUUUUUUUBBSBBBAABBAAAAAB
OWB	4H	GBM1020	64.05	ABAABAABAABAUBBSBBBAABAABBBSBBAAAAABBSBBBAABAABBBSBBAABSBBAA AABAABBABBSBABBSBBABBBABBBAABSBBAABSBBAAAAAB
OWB	4H	GBM1071	64.47	ABAABAABAABAUBBSBBBAABAABBBSBBAAAAABUBBABAABBBSBBABBSBBAABSBBAA AABAABBABBSBABBSBBABBBABBBAABSBBAABSBBAAAAAB
OWB	4H	Bmag0353	65.01	ABAABAABAABAABBBSBBABAABBBSBBAAAAABBSBBBAABBBSBBABBSBBAABSBBAA AABAABBBAABBABABBSBBABBBABBBAABSBBAABSBBAAAAAB
OWB	4H	GBM1299	72.04	ABAABBUABAUAUBBSBBBABUABBSBBUAAUAUAUBBSBAABBBSBBABBSBAABBBA ABBAABBBAABBAAUAUUBUBBSBBABBBAAUBBUABBAAAAAB
OWB	4H	scssr14079	78.92	AAAAABABBSBAUBBSBABABAABBBSBAABAABABBSBAABUBBSBBABBSBAABBBA ABBAABBBAABBABAABAABBBAABBABBSBBABBSBBAAAAAB
OWB	4H	GBM1003	79.53	AAAAABAABBAUBBSBABABAABBBSBAABAABABBSBAABBBSBABBSBABABAABA AUBAABBBAABBABAABAABBBAABBABBSBBABBSAAAAAB
OWB	4H	GBM1044	79.53	AAAAABAABBAUBBSBABABAABBBSBAABAABABBSBAABBBSBABBSBABABAABA ABBAABBBAABBABAABAABBBAABBABBSBBABBSAAAAAB
OWB	4H	GBM1009	79.72	AABAABAABBAUBBSBABABAABBBSBAABAABABBSBAABBBSBABBSBABABAABA AABAABBBAABBABAABAABBBAABBABBSBBABBSAAAAAB
OWB	4H	EBmac0701	96.17	AABAABBABUAABBUAABAABBBSBAABBAAABBABBAABAABBABBSBABBSBABAB ABBAABUAABBABAABAABBBSBABBSBBBSBBABBSAAAAAB



OWB	4H	GBM1048	101.05	A A B A A B B A B B A U A B B A A A B A A B B B B A A B B A B B A B B A B A A A A B B B A B B B A B B B A B
OWB	4H	GBM1015	115.94	A A B A B B B A B B A U A B B A A B B A A B B B B A A B B A B B A A B A B A A A A A B A B A B B A B B B A B
OWB	4H	HVM67	120.50	A A B A B B B A B B A B A B B A A B B A A B B A B A A B B A B B A A B A B A A A A A B A A A B B A B B B A B
OWB	4H	GBM1388	122.35	A A B A B B U A B B A U A B B A A B B A A B B A B A A B B A B B A A B A B A A A A A B A A A B B A B B B A B
OWB	4H	GBM1018	132.69	A A B A B B B A B A A U A B B B A B B A A B B A B A A B B A U B A A A A U A A A A A A A A A B B B A B B A
OWB	5H	scssr02306	6.13	B B B B A A B A B B A U A A B A B A B B B B A B B A B A A B A B A U B B A B A B U B B A A A B B A B A A B A
OWB	5H	GBM1176	18.59	B B B A B A U U A U B A U A B U A A A B B U B A B B A B B A B A A B U B B A B A B A A B A A A B B A B A B B
OWB	5H	scssr07106	20.44	B B B A A A B A B B A U A B B A A A B B B B A B U A U B A B A A B A B U A B A B U A B A A U U B A B U B B B
OWB	5H	scssr02503	42.39	B B B A A A B A A B B U A B B B A A B B B B A B B A B B B B A A B A B B U A A A U A A A A B B B A B A B B A
OWB	5H	GBM1229	42.52	B B B A A A U A A B B U A U U B A A B U U B A B B A U B B B A A B U B B A A A A B A A A A B B B A B A B B
OWB	5H	Bmac0047e	42.83	U B A B A A B A A B B A A B B U A A B B B B A B B A B B B B A A B A B B A A A A B U A A A B B B A B A B B A
OWB	5H	Bmac0273b	42.83	B B B A A A B A U B B U A B U B A A B B B B A B B A B B B B A A B A B B A A A A B A A A A B B B A B A B B A
OWB	5H	GBM1039	42.83	B B B A A A B A A B B U A B B B A A B B B B A B B A B B B B A A B A B B A A A A B A A A A B B B A B A B B A
OWB	5H	scssr18076	42.83	B B B A A A B A A B B U A B B B A A B B B B A B B A B B B B A A B A B B A A A A U A A A A B B B A B A B B U
OWB	5H	GBM1026	53.08	B B B A B B A B B B U A B A A A A B B B B A B B A B B B B A A B A B B A A A A A B A A A A B A B A B A B B A
OWB	5H	Bmac0096	53.12	B B B A B B A U B B A A B U A A A B B B B A B B U B U B U A A B A B U A A A A B A A A A B A B A B A B B
OWB	5H	GBM1398	53.27	B B A U A B U A B B U U A B A A A A B B U B U U A U U B U U U A B B U A A A B A A A A B A B A B A B B
OWB	5H	GBM1399	69.86	B B B A B U B B B B U A A A B A A A A U B A B B B B A B B A A B A B B A A B A B A A A A B A B B B A B B A

OWB	5H	scssr16991	76.81	BBABABBBBBBUAAAABAAAAAABBBBBABAAABABBAABAUAABABABBBBABUA ABBAABBBBABABABAABBBAAABAABAAAAABBAABAAABBA
OWB	5H	scssr15334	77.79	BBABABBBBBBUAAAABAAAAAABBBBBABAAABABBAABAUAABABABBBBABBA ABBAABBBBABABAUA AAAABBBAAABAABAAAAABBAABAAABBA
OWB	5H	GBM1483	80.64	BBAUAAUUBBUBAAUBAAAAAABBBBBBABUUUAUABBUUBAUAAABAUA BBBUBB UABBBABBBBAUABAAAAUBABAABAAUAAAAABAUBAAABBA
OWB	5H	Bmac01441	84.78	BBABAAAUBUBAAUABAAAAAABABBBBABAAABAUBABAABAAABAABBBABB UABBBABBBAAABAABAAAAABBAABAAUAAAAABAABAUAABA
OWB	5H	Bmag0113f	84.78	BBABAAUBBBBUAAUBAAAAAABABBBBABAAABAABBABAABAABAABBBABB AABBABABBBAAABAABAAAAABBAABAAABAABAAAAUAAUAAAABA
OWB	5H	GBM1038	85.27	BBABAAABBBUA AAAABAAAAAABABBBBABAAABAABBABAABAABAABBBABB AABBABABBBAAABUAAAABBAABAAABAABAAAAABAABAABAAABA
OWB	5H	Bmag0223	86.88	BBABUAUUBUAAAAUBUAAAAAUABABABAAABABBABAABAABAABAUBBABU AABBABAUBAAABAABAAAAUAAABAAAAAUAAABAAAAUA
OWB	5H	scssr05939	90.64	BBABAAABBUAUAABBAABAABABBBBABAAAUABBBBAAUAABBAAABBBUBB AABBABABBBAAABAABAAAAABBAUAAAABABAABBAABABAAAA
OWB	5H	Bmag0113d	91.82	BBABAAUBBBUAUAUBBAABAABABBBBABABABBBBAAABABBAAABBBABBA ABBBBAUBBAABAABAAAAABBAAAAAAABABAABUAAUABAAAA
OWB	5H	GBM1227	91.82	BBABAUUBBBUUAABBAABAABABBBBABABABUBBUABAUBBAABBBABBA ABUBBABBBAABAABAAAABUAAUAAAABABUABBAABABAAAA
OWB	5H	GBM1438	104.74	UUAUAUABBUUUA AAAABAUBAABABBBBBUBABABBBUABBBBBAAABBBABBA UBABBABBBAAABAABAAAAUAAABAABUABUABBBABUBABA
OWB	5H	scssr10148	122.34	AAAABBABAAAUA AAAABBBABAABABUABBBABBBAAUBABUBBBAAUBBABB UBBABBBAABBBAUAAAAABBBABBAABABBBAABBBAABBA
OWB	5H	GBM1463	130.55	AAAABBUBAAAUAABAABBABUABABBABABBBBABUBABBBBBAABBABABU BBABBBAABABAAAAAABBAABBABBBBABBBBAABBA
OWB	5H	GBM1470	130.55	AAAABBUBAAAUAABAABBABUABABBABAUBBBBABBBABBBBBAABBABABU BBABBBAABABAAAAAABBAABBABBBBABBBBAUABAA
OWB	5H	GBM1045	132.16	AAAABBABAAAUABAABBABBABABBABAABBBBABBBBBAABBABABA BBABBBAABABAAAAAABBAABBABBBBABBBBAABBA
OWB	5H	GBM1054	132.16	AAAABBABAAAUABAABBABBABABBAUAABBBBABBBABBBBBAABBABABA BBABBBAABABAAAAAABBAABBABBBBABBBBAABBA
OWB	5H	Bmag0222	144.14	BABBBAABAAAAABUABBAUBABBBBBBAUBBBBAUBBABBBAABBABABA BBABBUBAABAABBAABBBABBBBABBBBABBBBAABBA
OWB	5H	GBM1164	156.88	AAAABBUAABAUBAABBAAUBBBBBABABABABABAABBBBABBBABABA AAUABBAAAAABBAABABBBBABABUAAAABBBUABUBBA

OWB	5H	GBM1064	157.60	AAAABBBBAABAUBAABBAABBBBBAUAAAABABABABAAABBBBABBABABA AABABBBAAAABBAABAABBABABBUABBABBBABABBA
OWB	5H	GBM1001	157.65	AAUABBBBAABAUBAABBAUBBBBBBAAAUAUBUBUBABUAABBBBBABBABABA AABABBBAAAABBUABAUBBABBABBAUAUBBBUABABBAU
OWB	5H	Bmag0113i	160.00	BBBBBAUAAABAUAUAABBAABBBBBBAAAABABABABABAAABBBBBABBABABA AABABAUAAAAABBBABAAABABABBBAAAABAUBBUBABBA
OWB	5H	scssr03907	183.45	AAAABABABBAUAAAABBAAUBBBBBAAAABABABAUAABAAUBBBBBABBABBA AAABABAAAABAUBABAAABABABUAAAABBABAAABBBAA
OWB	5H	scssr09041	183.46	AAAABUBAUBAUAUAABBAABBBBBBAAUBUBAUAUUBAAUUUUUABBAUUU AAABAUBUBAUBAUBUUBAAABUBABBBAAABBABAAABAUBAA
OWB	6H	Bmac0316	7.16	BBBBAAABABBBBBBABBABAABBABBBBBBABBABBABAABABABABBABBBAA ABABAABABABAABBABABBBBABAABAAAABAABABABA
OWB	6H	scssr09398	7.16	BBBBAAABABBUBBBBABABAABBABBBBBBABBABBABAUAABABAUBABBBAA ABABAABABABAABBABABBBBABAUBAAAABAABABABA
OWB	6H	GBM1215	39.54	ABAAAAUBAUBUBAAAAAABUABBBBBAAAAAUBABABBAAAAABABBABAUBABA ABAAABBAABABAABBAABBABBBAAAUAUAUBABAAAABU
OWB	6H	GBM1021	40.17	ABAAAABBAABUBAAAAAABAABBBBAAABABBABABBAAAAABABBABABABA ABAAABBAABABAABBAABBABBBABAABABABBABAAAABB
OWB	6H	GBM1049	40.17	ABAAAABBAABUBAAAAAABAABBBBAAABABBABABBAAAAABABBABABABA ABAAABBAABABAABBAABBABBBABAABABABBABAAAABB
OWB	6H	GBM1057	40.17	ABAAAABBAABUBAAAAAABAABBBBAAABABBABABBAAAAABABBABABABA ABAAABBAABABAUAABBABBBABAABABABBABAUAUBB
OWB	6H	GBM1068	50.08	ABAAAABBBAAABUBAAAAAABAABBBBAAABBBABABABBAAAAAABBABABAAA ABAAABBBAAABABAABAAAABBABAABAAAABABABBABAAB
OWB	6H	GBM1075	50.08	ABAAAABBBAAABUBAAAAAABAABBBBAAABBBABABABBAAAAAABBABABAAA ABAAABBBAAABABAABAAAABBABAABAAAABABABBABAAB
OWB	6H	GBM1423	58.46	UBUAAABUAUBUAAAAAABAUBBBBBAAAUBABABABBAAAAAUABUABABAAA ABAAABBBAAABABAABAAAABBABAABAAAABABBABAAB
OWB	6H	GBM1027	59.93	ABAAAABBAABUAAAAAABAABBBBAAABBBABABABBAAAAAABBABABBAA ABAAABBBAAABABAABAAAABBABAABAAAABABABBABAAB
OWB	6H	HVM31	60.90	ABAAAABBAABBAABAAAABAABBBBAABABBABAUBBAAAABABBABABBAA ABAAABBBAAUABAAUAAABBABAABAABBABABBABAAB
OWB	6H	Bmag0009	62.21	ABAAAABBAABBAAAUAAABABBBBBAAABABBABABABBAAAAAABBABABBAA BBAAABBBAAABABAABABBABAABAABBABABBABAUAAB
OWB	6H	Bmac0047a	62.27	UBAAABBAABBAAAUAAABABBBBBAAABABBABABABBAAAAUAABBABABBAA BBAAABBBAAABABAUAABBABAABAABBUBABBUBAAAA

OWB	6H	GBM1389	62.27	A B A A A B U A A A B U A A A A A A B A B B B B A A B A B B A B A B B B A A A A A A B B B A B B B A A B B A A B B B A A B A B A A A A B A B B B A A B A A B B A B A U B A B A A A A A
OWB	6H	scssr02093	67.20	A B A A A B B A A A B U A A A A A A A B A B B B B A A B A B B A B A B A B B A A U A A A B B A B B B B A A B B A A B B B A A B A B A A A A B A B B B A A B A A B B A B A B B A B A A A A B
OWB	6H	GBM1076	67.86	B B A B A B B A A A B U A A A A A A A B A B B B B A B B A A B A B A A A B B A A A A A A B B A B A A B A B B B A A B B A A B B A B A A A A B A B B B A A B U A B B A B A B B A B A A A A B
OWB	6H	Bmac0218c	71.99	B B A B A B B A A B B B A A U A A A A B A B B B B A B B A A B A B A A A B B A A A A A A U B B B A A B A U B B A B B B A U B B A B A A B A B A B B B B A A A A B B B A B A B B A A A A A A B
OWB	6H	GBM1008	95.37	B A A B A B A B A A B U A B A A A A B B B A B B B B B A B B A B A A B B B A A A A B B B A U B A B B B B B A A B A A A U B A B B B A B A A A B B B A A A B A A A A A B B A A A B B A A A B
OWB	6H	scssr05599	96.34	B A A B A B A B A A B U A B A A A A B B B A B B B B U B A B B A B U A B B B A A U A B B A B A A B A U B B B B B A B A A A U B A B B B A B A A A B B B A A A B A A A A A B B A A A B B A A A B
OWB	6H	GBM1356	98.38	B A A B A B U B A A B U A B A A A A B B U A B B U B B B A B B A U A A B B B A A A U B B B B A A B A B B B B B B A B A A A B B B A B A U B A A A B B B A A U U A A A A A B B A A A U B A A A B
OWB	6H	GBM1022	105.26	B A A B A B A B A A B U A B A A A A B B B A A B B B B B A B B A B A A B B B A B A A B B B A A A B A B B B B B B A U A A A B B B A B A A B A A A A B B A A B B A B A A A B B A A A B B A A A B
OWB	6H	scssr00103	105.26	B A A B A B A B A A B U A B A A A A B B B A A B B B B B A B B A B A A B B B A B U A U B B A A A B A B B B B B B A B A A U B B B A B A A B A A A A B B A A B B B A A A A B B A A A B B A A A B B
OWB	6H	Bmac0040a	113.19	B A A B A B A B A A B A A B U U A A B B B A A B B B B B A B B A B A A A B B A B A A B B B A A A B A A A B B A B A B A A A B A A B A A B A A A A B B A A B B B A B A A A B B A A A A B A A B A
OWB	6H	GBM1274	123.45	B A B B A U U B A A B U A B A A A A U B B A A B B B B B B A A B B B A A B A A B B A B B B A A A B A A A A B A B A A A A A B A A A A A B B A A A A B A A B B A B A A A B B A A A A A B U U B A
OWB	6H	GBM1404	129.76	B A B B A B A B A A B U A B A A A A B B B A A B B B U B U A A B B B A A B A A B B A A B B A A B B A A A A B A B A A A B A B A A A A A A B A A A A B A A B B A B A A A B B A A A A A B B U B A
OWB	6H	GBM1005	131.12	B A B B A B A B A A B U A B A A A A B B B A A B B B B B B B A B B B A A B A A B B A A B B A A B B A A A A B A B A A A B A B A A A A A U B A A A A B A A B B A B A A A B B A A A A A B U A B A
OWB	7H	GBM1060	8.78	A B A A B B B A B A B U A B B B A B A B B A A A A A B A A B A B A B B A A B A A A A B B B B A B A B A A A A B B U A B A B B A A B A B A B A A B A A B A A A A A B A A A A A B A B A B A B A A
OWB	7H	Bmag0007	20.62	A B A A B B B A B U B B A B U B A B A B B A A A A A B A A B A B A B B A A B A A A A B B B B A U A B A A A A B B B A B A B B A A B A B A U A A B U A B A A U U A A B A A B A B A B A B A B A A
OWB	7H	HvWaxy4a	23.21	A B A A B B B U B A B U A A B U A U B B B A A A A U U A U A B A A U A A U A A A A U B U A U U A B A A A A B A B A B A B B A A A A B A B A A B A A B A A U B A A B A A B A B A B A B U B A U
OWB	7H	GBM1116	50.57	A A A A B A U B B U A U A U B B B B B B A A A A A A U A B A B A A B A A B B B B B B B A B B B A B A A A A B A B B B A A B A A A A B B A A A B A A B A A A B A A B B A B A A A B B A A B A A
OWB	7H	GBM1464	53.43	A A A A B A B B U A A A A B B B B B B A U A A A A A A B A B A A B A A B B B B B B B B B B A B A A B A B A B B B A A B A A A A B B A A A B A A B A A A B A A B B B B A A A B B A A B B A

OWB	7H	scssr07970	53.98	A A A A B A B B B B A U A A B B B B B B A A B A A A A A B A B A A B A A B B B B U B B B B B B A B A A B A B A B B B U A U A A A A B B B A A B A A B A A A B A A B B B B A A A B B A A B B A
OWB	7H	GBM1033	67.13	A A A A B B B B B B U A A B B B B B B A A B A A A A A B A B A A B A A B B B B B A B B B B B A A A B B B A B A B B B A A B A A B A A B A A A B A A B A B A B A B A A A B B B A A B B B A A B B A
OWB	7H	HVCMA	67.59	A A A A B B B B B B B A A A B B B B B B A A B A A A A A B A U A A B A A B B B B B A B B B B B A A A B B B A B A B B B A A B A A B A A B A A A B A A B A B A B A B A A A B B B A A B B B A A B B A
OWB	7H	Bmac0144j	71.48	A A A A B B B U B U B A A U B B B B B B A A B A A A A A B B B A A B U A B B B B B A B B B B B B A A B B B U A B B B B A B A A B A A B A A A B A A B A B A B U A U B B B A A B B B B B B A
OWB	7H	Bmac0187	72.57	A A A A B B B B B A B A A A B B B B B B A A A A A A A B B B A A B A A B B B B A A B B B B U A A B B B B A B B B B U U A A B U A B B A U B U A B U B B B B A A B U B A A B U A A U U B U
OWB	7H	GBM1432	72.81	U B A U B B U B B A B U A A A B B B B B U U B U U A A A B A B A A B A A B B B A A A B B B B B A A A B B B A B A B B B B A B A A B A A B B A A B A A B A B A B A A A B B A U U B U A A B B B A
OWB	7H	scssr15864	72.83	A B A A B B A B B A B U A A A B B B B B B A B A A A A A B A B A A B A A B B B A B U A B B B B A A A A B B B A B A B B B B A B A A B A A B B A A B A A B A B A B A A A B B B A A B B B A B B B A
OWB	7H	Bmac0303e	72.93	A B A A B B A B A A B A A A A B B B B B U A B U A A A A A B U B A A B A A B B B A B A A B B B A B A A A A B U A B A B B B B U B A U B A A B B A A B A A B A B A B A U A B B A A A B B B A B B B A
OWB	7H	GBM1030	72.93	A B A A B B A B A A B U A A A B B B U B B A B A A A A A B A B A A B A A B B B A B A A B B B A B A A A A B B U B A B B B B A B A A B A A B B A A B A A B A B A B A A A B B A A A B B B A B B B A
OWB	7H	Bmac0273e	73.18	A B A A B B A B A A B A A A A U B B B B A B A B A A A A A B A B A A B A A B A B A A A B B B A B A A A A B B A B A B B U B A B A U A A A B B A A B A A B A B A B U U A B B A A A U B U A B B B A
OWB	7H	GBM1516	81.21	A B A A B B U B A A B U A A A B B B B A B A B A A A A A B A B A A B A A B A A B B B A B A A A A B B A B A B B B B A B A A A A A B B A A B A A B A B A B A A A A U B A A A B B U A B B B A
OWB	7H	Bmac0303a	81.53	A B A A B B A B A A B A A A A B B B B A U A B U A A A A A U B A A B A A B A A B A A B B B A B A A A A B U A B A B B B B U B A U A A B B B A A B A A B A B A B A U A B B A A A B B B A B B B A
OWB	7H	Bmac0047d	81.80	U B A A B B A B A A B A A A A U B B B A B A B A A A A A B A B A A B A A B A A B A A B A A U B B A B A A A A B B A B A U A B B A B A A A A A B U A A B A A B A B A B A A A A B U A A A B U B A B B B A
OWB	7H	GBM1115	81.85	A B A A B B U B A A B U A A A B U B B A U U U A A A A A B A B A A B A A A U A A B A A B B B A B A A A A U U A B A B U U B A B A A U A A B B A A B A A A U A B U B A U U B A A A U A U A B B B A
OWB	7H	GBM1359	85.80	A B U A B B U B A A B U A A A B B B B A U B B A A A A A B B B A B B A B B A B B B B B A A A A B B B B A A B B B B B A A A U B B B A B B U A B A B A B A A A A U B A A B B B U A B B A A
OWB	7H	GBM1102	94.23	A B B A A B U B B A A U A A A B B B A B A B B U A A A A A A U B A B B A A B A A A A A B B B A A A A A B B B B A A A B A A B A A A A A B B A B B A B B A B A A A A A A A A B B B U A B B A A
OWB	7H	GBM1419	95.75	A B B A A B U B B A A U A A A B B B A B A B B B A A A A A A B B B A B U A A U A A U A A A A B A A A A A B U U B A A A B U A B A A A A A B B A B B A B B A B A A A A B U A B A B B B U A B B A A
OWB	7H	Bmag0120	97.00	A B B A A B A B B A A A A A U B B A B A B B B A A A A A A B B B A B A A B A A A A A B A B A A A A A B B A B A A A B A A B A A A A A B B A B B A B B A B A A A A B A A B A B B B B A B U A A

OWB	7H	GBM1065	135.11	<p>A B A A A B B B B A A U A B A B A A B B A B B B A A A B A B A B A B A A A A B A B A A A B B A A B A A A A</p> <p>B B U A A B A B A A B B B A A B B B A A B B B A A A B B B A A B A A B B B B A A A</p>
OWB	7H	HVM05	148.22	<p>B B A A B B B B U A A A B U A A A B A B U B B B A A B B B A A A A B A A A A B A B B A A B B A A B A B A A</p> <p>B B A U A B A B B A B B B A A B B A A A B B A B B B A A B B A B B B A A A A</p>
OWB	7H	scssr04056	148.22	<p>B B A U U B B B A A A U B A A A A B A B A B B B A A B B B A A A A B A A A A B A U B A A B B U A B A B A A</p> <p>B B A A A B A B B A B B B A A B B A A A B B A B B B A B B B A U B B A B B B U A A U</p>
IxF	1H	GBMS187	2.52	<p>B A U B B U A B A U A B B A A A A U A B U A A B B A A A B B A A A A B A A A A B A A A B A A A A B B B B</p> <p>B B A B B B B B B U B B A B B A A</p>
IxF	1H	GBMS062	20.50	<p>B A U B B U B B A U A B B A A B A U A B U A A B B A A A B B A A A A B A A A A B B A A B B B A A A B B B B</p> <p>B B U U B B A B B B U B B A B B A B</p>
IxF	1H	GMS021	25.62	<p>U U U B B U B B A U A B B A A B A U A B U A A B B A A A B B A A A A B A A A A B B A A B B B U A A B B B B</p> <p>B B U B B B U B B B U B B A B B A B</p>
IxF	1H	GBM1007	26.45	<p>B A B B B A B B A B A B B A A B A B A B B A B B B A A A B B A A A A B A A A A B B A A B B B B A A B B B B B</p> <p>B A B B B A B B B B B A B B A B</p>
IxF	1H	Bmac0213	30.81	<p>B A U B B U B B A U B A B U U U B U A B U A B B B A A A B B A A A A B A A A A B B A A B B B B A A B B B B B</p> <p>B A B B B A B B B U B B A B B A B</p>
IxF	1H	Bmac0297e	57.78	<p>A A B B A A B B A B B A A A A B B B A B B B B B A A A B A A A A A B A B A B B B A U B B B B A A B B B B B</p> <p>B A A A B A A B B B A A A A B A B</p>
IxF	1H	GBMS014	57.78	<p>A A U B A U B B A U B A A A A B B U A U U B B B B A A A B A A A A A B A B A B B B A B B B B B A A B B B B B</p> <p>B A A A B A A B B U A U A A B A B</p>
IxF	1H	GBM1032	59.19	<p>A A B B A A B B A B B A A A A B B B A B B B B B B A A A B A A A A U A B A B A B B B A B B B B B A A A B B B B</p> <p>B A A A B A A B B B A A A A B A B</p>
IxF	1H	GBMS093	59.19	<p>A A U B A U B B A U B A A A A B B U A B U B B B B A A A B A A A A A B A B A B B B A B B B B B A A A B B B B</p> <p>B A A A B A A B B U A U A A B A B</p>
IxF	1H	GBM1451	60.52	<p>A A B B A A B B A B U U A A A B B B A B B B B B B A A A B A A A A A B A B A B U B A B B B B A A A A B B B B</p> <p>B A U U B A A B B B A A A A B A B</p>
IxF	1H	GBMS037	66.52	<p>A A U U A U U B A U U A A A A A B U A B U B B B B A A A B B A A A A B A B A B B B A B B B B A A A A B B B B</p> <p>B B A A A B A A B B U A A A A B A B</p>
IxF	1H	GBM1051	69.17	<p>A A B A A A A B A B A A A A A B B A B B B B B B A A A B B A A U A U A B A B B B A B A B B A A B A B B B B B</p> <p>B A A A B A A B B B A A A A B A B</p>
IxF	1H	Bmac0032	73.74	<p>A A B B A A B B A B B A A A A B B B A B B B B B B A A A B B A A A A B A B B B B B A B A B B A A B A B B B B</p> <p>B A A A B B A B B B A A A A B A B</p>
IxF	1H	GBMS017	75.08	<p>A A U B A U B B A U B A A A A B B U A B U B B B B A A A B B A A A A B A B B B B B A B A B B A A B A B B B B</p> <p>B A A A B B A B A U A A A A U A B</p>

IxF	1H	Bmag0382	99.69	A A U B A U A A A U A A A A A B B U A B U B B B B B A B A B A A A B A B B B B B A A A A A B A B A B B B B B B A B B A A A U A B B A B B B
IxF	1H	GBM1002	101.50	A A B B A A A A A B A A A A A B B B A B A B B B B B A B A B A A A B A B B B B B A A A A A B A B A B B B B B A B A B B A A A B A B B A A B B
IxF	1H	GBMS053	120.62	A A U B B U A A B U A A A B B B B U A B U B B B B B B A B B A A B B A U B B B U A A A A A B A A A B B B B B U U B B A B A B U A B B B A B B
IxF	1H	WMC1E8	131.93	A A A B B A A A B B A A A B B B A B B B A B B B B B B B B A A B B B B B B B B A A A A B A B A A B B B B B A B B B A B B B B A A B B A B B
IxF	2H	Bmac0134	10.87	A A U A B U B A B U A B B A A A B U B B U B B B A B A A A A A A A B A A A B A B U A B A B A A A A B B A B A A B A A A B B A B U B A A B B B A
IxF	2H	GBMS031	11.84	A A U A B U B A B U A B B A A A B U B B U B B B A B A A A A A A A B A A A U A B A A B A B A A A A B B A B A A B A A A B B A B U B A A B B B A
IxF	2H	GBMS090	25.67	A A U A B U B A B U A A B A A A B U B B U B B A A B B A A A A A A A A B B A B A A B A A A A A A A B A B B A A A A A A A A B U B A A A B B A
IxF	2H	GBM1214	43.27	A A A A B B B A A A A A A A A A A B B A U B A B A A B A B A B A A B A B B A A A B B B A A A A B A A B A B B B A A B U B A A B A A A A A A A B
IxF	2H	GBMS235	43.27	A A U A B U B A A U A A A A A A A U B A U B A B A A B A B A B A A B A B B A A A B B B A A A A B A A B A B B B A A B A B A A B U A B A A A A B
IxF	2H	GBMS066	46.61	A A U A A U B A A U A A A A A A A U B A U A A B A A B A B A B A A B A B B A A A B B B A A A A B A A B A B B B A B B A B A A B U A A A A A A B
IxF	2H	GBMS137	48.64	A U U U A U B A A U A A A A A A U U A A U A A B A A B A B B B U U B A B B A A U B B B A A A A B U U B A B B B U B B U B B A B U A B U B B U B
IxF	2H	GBMS233	59.22	A A U U A U A A A U A A A A A A A U A A U A A B B B B B B B B A A B A B B A A A B B B A A A A A A A B A B B B A B A B A A A A U A A A A A A B
IxF	2H	EBmac0521	67.01	A A A A A A A A A A A A A A A A A B A A B A A B B B B B B B B A A A A B B A U A B B B A A A A A B A B A B B B A B A B A A A A A A A A A A A B
IxF	2H	EBmac0558	69.72	A A A A A A A A A A A A A A A A A B A A A A A B B B B B B B B A A A A B B A A A B B B A A A A A B A B A U B B A B A B A A A A A B A A A A A B
IxF	2H	GBMS011	69.72	A A U A A U A A A U A A A A A A A U A A U A A B B B B B B B B A A A A B B A A A B B B A A A A A B A B A B B B A B A B A A A A U B A A A A A B
IxF	2H	Bmag0125	89.83	A A A A A A A A A A A A A A A A A A A A A B B B B B B B B A A B A B B A B B B B A A A B A A B A B A B B B A B A A A A A A A B B A A A A A
IxF	2H	GBMS244	102.68	A A U A A U A A A U A A A A A B B A U A A U B A A B B B B B B B A A B A B A A B B B B A A B A A B A B A B B B A A A B A U U U U U U U U U A
IxF	2H	GBMS216	153.52	A A U B B U B A A U A A B B B A A U A A U B A A B A B B B A B B B A B A A A A A A B B B B B B A B A A A B B B B B A A A B B B U B B B B A B A

IxF	2H	GBMS128b	155.98	AAUABUBAAUBABBBAAUABUBAABABBBABBBABAAAAAABBBBBBABAABB BBBAAABBBUBBBABA
IxF	3H	GBMS046	49.46	BBUBBUBBBUBBBBBBAUBBUBABBAABBBBBBBBBBBBBBBBBBABB UBAABBBUBBBBBAB
IxF	3H	Bmac0067	49.76	BBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBMS057	49.84	BBUBBUBBBUBBBBBBAUBBUBABBAABBBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBMS117	49.84	BBUBBUBBBUBBBBBBAUBBUBABBAABBBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBMS139b	49.84	BBUBBUBBBUBBBBBBAUBBUBABBUBBBBBBBBBBBBBUBBBBBBABB UBAABBBUBBBBBAB
IxF	3H	GBMS166	49.84	BBUBBUBBBUBBBBBBAUBBUBABBAABBBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	Bmag0006	50.14	BBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBM1031	50.26	BBBBBBBBBBBBBBBBBABB ABAAUBBBBBBBBBAB
IxF	3H	GBMS050	50.67	BBUBBUBBBUBBBBBBABUBBUBABBAABBBBBBBBBBBBBBBBBBUBB ABABBBBUBBBBBAB
IxF	3H	HVM27	51.00	BBBBBBBBBBBBBBBBBABB ABAAUBBUBBBBBBAB
IxF	3H	GBMS149	51.05	BBUBBUBBBUBBBBBBABUBBUBABBUBBBBBBBBBBBBBABB UBAABBBUBBBBBAB
IxF	3H	Bmag0131	51.06	BBBBBBBBBBBBBUBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBMS089	51.61	BBUBBUBBBUBBBBBBAUBBUBABBAABBBBBBBBBBBBBBBBBBABB ABABBBBUBBBBBAB
IxF	3H	GBMS140	51.80	BBUBBUBBBUBBBBBBAUBUUBABBAABBBBBBBBBBBBBBBBBBABB UBAABBBUBBBBBAB
IxF	3H	Bmac0209	52.39	BBBBBBBBBBBBBBBBBABB ABAAUBBUBBBBBBAB
IxF	3H	GBMS074	78.37	BAUBBUABBUBBBABAUAUBUBABBAABBBBBBBBBBBBBBABB BBBAAABBBUBBBBBAB
IxF	3H	GBMS045	80.52	BAUBBUABBUBBBABAUAUUUABBAABBBBBBBBBBUBABBBBABB BBBAAABBBUBBBBBAB



IxF	3H	GBMS204	80.52	B U U B B U A B B U B B B A B A A U A B U B A B B A B B B B B B B B B B A B B B B A B B A B B A A B B B B B B A A B B B B U B B U B B A B
IxF	3H	GBM1056	128.98	A B B B A A B A B B B A A A A B A B B B A B A B A A A B B B B A B U B A B A B A A A A B A B B A A B B B B B B B B A B A A A B A B A A B B B B B
IxF	3H	GBM1059	128.99	A B B B A A B A B B B A A A A B A B B B A B A B A A A B B B B A B U B A B A B A A A A B A B B A A B B B B B B B B A B A A A B A B A A B B B B B
IxF	3H	GBMS038	131.31	A B U U A U B A B U A A A A U A B U B A U A B A A A B B B B B B B A B A B A A A U B A B B A A B B B B B A B B A B A A A B U U A A B U B B B
IxF	3H	Bmac0029	156.87	B A B B A A A B B B B A A A A B B B B B B B A A B A B B B B B B B A B B A B A B A A A A A A B A A A U B B B A B B A A B A B B B A A A B B B B A A
IxF	3H	GBMS138	156.87	B A U B A U A B B U A A A A B B B U B B U A A B A B B B B B B A B B A B A B A A A A A A B A A A B B B B A B B A A B A B B A U A B B B B A A
IxF	4H	GBMS028	4.93	B B U B A U A B B U B A A B B B A U B B U B B B B A B B A B B B B A B B B A B A A B A B A B A B A A B A A A B A B A B A B A U B B A A A B B
IxF	4H	GBMS114	26.49	B A U B A U A A B U A A A A B B B U A B U B B B A B B B A A B B B A A B B B A B A B B A B B A A B A A B A B A B A B B B B A A U B B A A A A A
IxF	4H	GBMS029	51.20	B A U B A U B A B U A A A A B A B U A A U B B A B B B B B A B A B A A B A B A B B B A A B B A A A B A B B B A U A B B B A B A A U B B B B A B A
IxF	4H	EBmac0906	54.98	B A U B A U B A B U A A A A B A B U A A U B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A U B B B B A B A
IxF	4H	HVM03	58.33	B A B B A A B A B A A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A A B B B B A B A
IxF	4H	Bmac0181	58.51	B A B B A A B A B A A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B U A A B B B B A B A
IxF	4H	Bmac0297d	58.51	B A B B A A B A B A A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A A B B B B A B A
IxF	4H	GBMS049	58.71	B A U B A U B A B U A A A A U A B U A A U B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A U B B B B A B A
IxF	4H	HVM13	58.95	B A B B A A B A B B B A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A A B B B B A B A
IxF	4H	HVM77	58.95	B A B B A A B A B B B A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A A B B B B A B A
IxF	4H	GBMS081	58.96	B A U B A U B A B U A A A A B A B U A A U B B A B B B B B A A A B A A B B B A B B B A A B B A A A B A B B B A B A B B B A B A A U B B B B A B A
IxF	4H	GBMS150	59.79	B A U B A U B A B U A A A A B A B U A A U B B A B B B B B A A A B A A B B B A B B B A A B B A A A A A B B B A U A B B B A B A A U B B B B A B A

IxF	4H	HVM68	62.52	B A B B A A B A B A A A A A B A B B A A A B B A B B B B B A A A B A A B B B A B B B A A B A A A A A A A B B A B A B B U B A A A B B B B A B A
IxF	4H	Bmac0310	64.37	B A B B A A B A B A B A A A B A B B U A A B B A B B B B B A A A B A A B B B A B B B A A B A A A A A A A B B B B A B B A B U A A B B B B A B A
IxF	4H	GBMS015	66.75	B A U B A U B A B U A A A A B A B U A A U B B A B B B B B A A A B A A B U B A B B B A A B A A A A A A A B B A B A B B A B A A U B B B B A B A
IxF	4H	GBMS190	80.30	B A U B A U B A B U B A A A B A B U A B U B B A B A B A B A A A B A B A B B A B B B A A B A A A A A A A B B B B A B B A B A A U B B B A A B A
IxF	4H	GBM1015	115.94	B B A B B B B A A A A A A A B B A A A B B A A A A A B A A B B B B A B A B A A B B A A A A A A A A A A B B A A B A B A B B B A A A B U B A A A A
IxF	4H	GBMS128a	120.50	B B U B B U B B A U A A A A B B A U A B U A A A A A B A A B B B B A B A B A A B B A U A A A B A A A B A A A B A B A B B B A A U B U B A A A A
IxF	4H	HVM67	120.50	B B B U B A B B A A A A A A B B B A A A B B A A A A A B A A B B B B A B A B A A B B A B A A A B A A A B A A A B A B A B B B A A A B A B A A A A
IxF	4H	Bmag0138b	124.00	B B U B B U B B A U A A A A B B A U A B U A A A A A B A A B B B B A B A B A A B B A B A A A B A A A B B A A B A B A B B B A A U B A B A A A A
IxF	5H	GBMS075a	48.81	A B U B B U B A B U B B B B B A B U A B U B B A B A B B A A B A B B B B A A B B B B B A B A B A B A B B A B B A A A B A B B B U B B B A B A B
IxF	5H	HVLEU	51.26	B B B B B B B A B B B A B B A B A B A B B B B B A B A B B B B B A B B B B B A A B B B B B A B A B A B B A B B A A A B A B U B B B B B A B A B
IxF	5H	GBM1026	53.08	B B B B B B B A B B B B B B A B A B A B B B B B A B A B B A B B A U B B B A A B B B B B A B A B A B A B B A B B A A A B A B B B B B B B A B A B
IxF	5H	Bmac0303b	53.10	B B B B B B B A B B B B B B A B A B A B B B B B A B U B B A B B A B B B B A A B B B B B A B A B A U A B B A B B A A A B A B B B B B B B A B A B
IxF	5H	GBMS174	53.10	B B U B B U B A B U B B B B B A B A U A B U B B A B A B B A B B A B B B B A B B B B B B A B A U A B A B B A B B A A A B A B B B U B B B A B A B
IxF	5H	Bmac0096	53.12	B B B B B B B A B B B B B B A B A B A B B B B B A B A B B A B B A B B B B B A A B B B B B A B A B A B B A B B A A A B A B U B B B B B A B A B
IxF	5H	Bmag0223	86.88	U B U B A U B B B U B A B B B B B U B B U B B A B A A B A U A B B B B B A B A B A B B A B A B B B A B B B B A A B A B B B U B A A A B B B
IxF	5H	GBMS106	90.68	A B U B A U B B B U B A B B A B B U B B U B B A B A A B A B A A B B B B A B A B A B B A B A B A B A B B B B A A B A A A B B B U B A A A B B B
IxF	5H	GBM1231	102.27	A B A A A B A B B B B B A A A A B B B B A B B B B A A A A A A A B B B B A A A A A B B B B A B U U U B B B A B A U U U B U U U U U U U U U U
IxF	5H	GBMS013	104.51	A B U A A U A B B U B B A A A A B U B A U B B B B A A A A A A A B B B B A A A A A B B B A A B A B A B B B B A B A B A A B A B B U B B A A B B A

IxF	5H	HVDHN09	110.11	ABAABABBBABBAABABBBAAABBABAAAAAABBBBBABAAAABBAABABABBBAB BABAABABBABBAABBA
IxF	5H	GBMS068	123.76	BBUABUBBBUBAAAAABUAAUBBABAABAAAABABBAABBBBAAABBBABABAAA BBABAABBBABBAABBA
IxF	5H	GBMS060	144.93	AAUABUBBBUBABABAAUAAUBBABBAAABABABABBBBAAABBBBBAAAAABAB BBAAAAABAUAABBBAAAB
IxF	5H	GBMS077	144.93	AAUABUBBBUBABABAAUAAUBBABBAAABABABABBBBAAUBBBBBAAAAABA BBUAAAAABAUAABBBAAAB
IxF	6H	GBMS033	28.81	BAUAAUBBBUABBBBAAAUBBUABABBABAAABBABBAABAAABAABBABBBAAAB BABBBBBBBAUBBABAAB
IxF	6H	Bmag0500	31.65	ABUAAUBBBUUBBBBAAAUBBUAAUUBBABBBAUUBBUABAAABUABBABBBUAB BUBBBBBBBAUBBABAAB
IxF	6H	GBMS072	36.65	ABUAAUBBBUABBBBAAAUBBUABABBABAAABBUBBBABAABBAUBBBBBBBAAB BUBBBBBBBAUBBABAAB
IxF	6H	GBM1021	40.17	ABBAABBBBBABBBBAAAABBBABABBABAABBUABAAABAABBBABBBBBBBAAB AABBBBBBBAABBABAAB
IxF	6H	GBM1075	50.08	BBBBABBBBBBBBBBAAUABBAABBBBABAABBUABAAABAABBBABBBBBBBAAB AABBBBABBABAABABB
IxF	6H	Bmac0018	61.79	BBBBBBBBBABBBAAAAABBAABBBBABAABBBBABAABAAAABBBBABBABBABB AABBBBAUAABAAAAABA
IxF	6H	GBMS135	62.03	BBUBBUBBBUBBBBAAAUBBUABBBBUBAABBBABAUAAAABBBBABBABBABB AUBBBBBABAUBAAAAABA
IxF	6H	GBMS107	62.10	BBUBBUBBBUBBBBAAAUBBUABBBBABAABBBBABAABAAAABBBBABBABBABB AABBBBABAUBAAAAABA
IxF	6H	HVM22a	62.14	BBBBBBBBBABBBAAAAABBAABBBBABAABBBBABAABAAAABBBBABBABBABB AABBBBABAABAAAAABA
IxF	6H	Bmag0009	62.21	BBBBBBBBBABBBAAAAABBAABBBBABAABBBBABAABAAAABBBUABBAUBABB AABBBBABAABAAAAABA
IxF	6H	Bmag0210	62.28	BBBBBBBBBABBBAAAAABBAABBBBABAABBBBABAABAAAABBBBABBABBABB AABBBBAUAABAAAUUU
IxF	6H	HVM14	62.28	BBBBBBBBBABBBAAAAABBAABBBBABAABBBBABAABAAAABBBBABBBAUBABB AABBBBAAAABAABAAAA
IxF	6H	GBMS083	62.43	BBUBBUBBBUBBBBAAAUBBUABBBBABAABBBBABAUAAAABBBBABBABBABB AUBBBBBABAUBAAAAABA
IxF	6H	HVM34	62.43	BBBBBBBBBABBBAAAAABBAUUBBBABAABBBBABAABAAAABBBBABBABBABB AABBBBABAABAAAAABA

IxF	6H	HVM74	62.66	BBBBBBBBBUBBBBAAAAABAAAABBBBABABBBBABAAAAAABBBAAABBABBABB AABBBBBABAABAAAAABA
IxF	6H	Bmac0297f	63.49	UUUUUUUBBABBBAABAAAABAAAABBBBABABBBBABAAAAAAUBAUBBABBABB BAABBBBABAAABAAAAABA
IxF	6H	Bmag0003a	63.49	BBBBBBBBBABBBBBAAAAABAAAABBBUABABBBBABAAAAAABBBAAABBABBUBB AABBBBBAUABAAAAABA
IxF	6H	GBM1063	63.49	BBBBBBBBBABBBBBAAAAABAAAABBBBABABBBUABAUAAAAABBBAAABBABBABB AABBBBBABAABAAAAABA
IxF	6H	Bmg0001	64.71	BBUUBBBUAABBBBBAAAAABAAAABBBUUBUUBBUAUAAUUAAUBBUUUBUBUAB UAAUBUBAUAAUUAUUUU
IxF	6H	Bmag0344a	67.80	BBBBBBBBBABBBBBAAAAABAAAABBBBABABBBBABAAAAAABBBAAABBUBBABB AABBBBBABAABAAAAABA
IxF	6H	GBM1400	67.80	BBBBBBBBBABBBBBAAAAABAAAABBBBABABBBBABAAAAAABBBAAUBBBBUUB AAABBBUAUAAUUUUAB
IxF	6H	GBM1008	95.37	BBBBBBBBBABBBBBBAAAAAABBBBABABBBBABABAAABBBAAABB BBBABA ABABABABAAABABBB
IxF	6H	GBM1140	97.31	BUBBBBBBBBABBBBBBUAAAAAABBBBABUABBBBABABABABBBAABB BBBABA ABABABABAAABAAUUU
IxF	6H	GBM1022	105.26	BBBBBBBBBABBBBBBABAAAAAABBBBABAAABUBABABABABBAAABB BBBABA ABABAAAABBABAAABBB
IxF	7H	Bmag0021	6.78	AAAAABABBBB BBBBABBAAAAABABABBBBABAAABAAAAAABBBBAABBABAAB BAAAABBAABB BBB BBB
IxF	7H	Bmag0206	15.25	AAUAAUABBUBABBBB BUAAUAAABABBBBABAAAAAABBBBAABBABAAB BBAAAABBAABUBBB BBB
IxF	7H	Bmag0007	20.62	AAAAABABBBBABBBB BAAAAAABABBBBABAAAAAABBBBAABBABAAB BAAAABBAABABBB BBB
IxF	7H	HVWAXYG	21.80	AAAAABABBBBAUBBBB BUAAAAABUBBBABABAAAAAABBBUAABBABAAB BBAAAABUUUBABABBB
IxF	7H	HVM04	22.19	AAAAABABBBBAABB B BAAAAAABABBBBAABAAAAAABBBBAABBABAAB BBAAAABBABABABBB
IxF	7H	EBmac0603	35.39	ABUBBUABBUAAAABBAUAAUBAABABABBBBAAAAAABBAABB BBBAAB BBAAAABBABUBABABBB
IxF	7H	GBMS226	62.09	AAUBBUABAUAAAABAAUAAUBABBBABBAABABBAABBAUABAABB BBABB BBBAABB BBUBUBAABB
IxF	7H	GBM1033	67.13	AABBBBABABAAAAABAAAAABBBBABAAABUBAABBBBABBAABB BBABB BBAAAABBBB BABAABB

IxF	7H	HVCMA	67.59	A A B B B B A B A B A A A B A A A A A B A B B B A B A A A B A B A A A B B B A B B A A B A B B B A B B B B B A A A B B B B B B A B A A B B
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IxF	7H	Bmag0359	78.88	A A B B B B B B A B B A B B B A A B A A A B A B B B B B A B A B A B A A B B B B A B B B A B A A B B A B B B B B A A B B B B B B B A B A A B B
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IxF	7H	GBMS003	80.80	A A U B B U B B A U B A B B B A A U A A U B A B B B B B A B A B A B A A B B B B A B B B A B A A B B A B B B B B A A B B B B B U B A B A A B B
IxF	7H	Bmac0031	81.75	A A U B B U B B A U B A B B B A A B U A A U B A B B B B B A A A B A B A A B B B B A B B B A B A A B B A B B B B B B A B B B B B U B A B A A B B
IxF	7H	Bmag0011	81.78	A A B B B B B B A B B A B B B A A B A A A B A B B B B B A B A B A B A A B B B B A B B B A B A A U B A B B B B B A A B B B B B B B A B A A B B
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LixHs	1H	Bmag0347	53.27	B B A B B A A A A B A B A A A A A A B A A A A A A B A B A A B B A U A A A A A B B A B A A A A A B A B B B B B A B B B A B B A A B A A A A B B B B A B A A B B B A A A A
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LixHs	1H	Bmac0154	87.83	B B U A B B A B A B A B U A A B B B A B A A A B A A B B B A A B A A A B B A A U B U A A B A B A B B A B B B B B A B B B A B B A A B U A B B A B B B B A A B U U B A B A
LixHs	1H	Bmac0144a	91.79	B B A A B A A B A B A B U A A A A A A A B A A A A A A B B B A A B A A A B B A A U B A A A B A B A B B A B B B A B A B B B A B B A A A A A A A B B B B U A B A B B A B U
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LixHs	1H	HvHVA1	102.49	B B A A B A A B A B A B A A A A A A A A A A A A B A B B B A B B B A A B B A A U A B B A B A B B B B A B A A A A A B B B A B B A A A A A A A A B B B U A B A A B B A B U
LixHs	1H	WMC1E8	131.93	B B A A B B U B A B A A B B A B B B A A B A A B A B B B A B B A B B B A A B B B A U B B B B U B A B A A A A A A B A B A A B A B B A B A A B A A A A B A B A B B B A B B
LixHs	1H	Bmag0579	132.84	B B A A B B B B A B B A A B A B U A A A B A A B U U B A B B U A B B A U U B B A B B B B U B A A A A A A A U A U A B A A B A B B A B A A B A A A B A B B A B B B A B A

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LixHs	2H	HVM23	67.01	A A A B A A B A A A A A B A A A B A A A A A A B A A A A A A U A A A A A B B A B B A A A B A B B B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	HVM26	67.01	A A A B A A U U A A A A U B A A A B A A A A A A B A A A A A A A U A A A A B B A B B A A A B A B B B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	HVM63	67.01	A A A B A A B A A A A A U B A A A B A A A A A A B A A A A A A A A A A A A B B A B B A A A B A B B B U A A A B A A A A B A A A A A A A A A A A A A A A A A U A A A A B
LixHs	2H	HvTUB	67.01	A A A B A A B A A A A A U B A A A B A A A A A A B A A A U A U A A A U A A A B U A B B A A A B A B B B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A U U
LixHs	2H	EBmac0715	67.97	A A A B A A B A A A B A A B A A A B A A A A A A B A A A A A A A A A A A A B B A A B A A A B A B B B B A A A B A A A A B A A A A A A A A A A U A A A A A A B A A A A U
LixHs	2H	EBmac0640	68.78	U A A B A A B U A A A A A B A A A B A A A A A A B U A A A A A A A A U A A A B B A A U A A A B A B B B B U A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	EBmac0558	69.72	A A A B A A B A A A A A U B A A A B A A A A A A B A A A A A A A A A A A A B U A B B A A A B A B B B B U A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	EBmac0854	70.39	A A A B A A B A A A A A B A A A A A A A A A A B A A A A A A A A A A A A B B A A B A A A B A B B B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A B A A A A B
LixHs	2H	EBmac0525	70.98	A A A B A A B A A A A A B A A A B A A A A A A B A A A A A A A A A A A A B U A B B A A A B U B B B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	Bmag0518	72.01	A A A B A A B A A A B A A B A A A A A A A A A A B A A A A A A A A A A A A B B A A B A A U B A B A B B A A A B A A A A B A A A A A A A A A A A A A A A A A B A A A B A A A A B
LixHs	2H	Bmag0115	75.05	A A A B A U B A A A B A U B A A A A A A A A A A U A A A A A A A A A A A A U B A A B A A A B A B A B U A A B A A A A B A A A A A A A A A A A A A B A A A U U U U U
LixHs	2H	Bmag0378	76.11	A A A B A A B A A A B A A B A A A A A A A A A B A A A A A A A A U A A A A B B A A B A A A B A B A B B A A A B A A A A B A A A A A A A A A A A A A B A A A A A A A B
LixHs	2H	HVHOTR1	76.16	U U A B A A A A A A B A A B A A A A A A A A U B A A U U U U U U U U U U U B B A A B A A A B A B A B B A U A B A A A A B A A A A A A A U A A A A U A B U A A U U A A A

LixHs	2H	Bmag0381	76.22	A A A B A A A A A B A A B A A A A A A A A B B A A A A A A A A A A B B A A B A A A B A U A B B A A A U A A A A B A A A A A A A A A A A A A B A A A U U A A U B
LixHs	2H	Bmag0140	76.26	A A A U A A U A A A B A A B A A A A A A A A A U A A A A A A A A A A A B B A A B U A A B A B A B B A A A U U A A A B A A A A A A A A A A A A A B A A A B A A A U U
LixHs	2H	Bmag0350a	76.57	A A A B A A B A A A B A A B A A A A A A A A A B A A A A A A A A A A A A B B A A B A A A B A B A B B A A A B A A A A B A A A A A A A A A A A A A B A A A B A A A U U
LixHs	2H	Bmag0571d	76.57	A A A B A A B A A A B A A B A A A A A A A A A B A A A A A U A A A A U A A B B A A B A A U B A B A B B A A A B A A A A B A A A A A A A A A A A A A B A U U U U U U U U
LixHs	2H	EBmac0850	78.49	A A A B A A B A A U B A A B A A A B A A A A A B A A A A A A A A A A A A B B A A B A A A B A B B B B A A A B A A A A B A A A A A A A A A A A A A B A A A B A A A A B
LixHs	2H	EBmac0737	80.10	U A A B U A B A A U B U A B A A A B A U A A A A B A U A U A A U U A A A A A B B U B B A A A B A B B B B B U B B A U U U B U U A A U A A B U A B B A B A A U B A A A A B
LixHs	2H	Bmac0192c	81.70	U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U U B A A A B A B B B B A U B A A A A A B A A A A A A A A A A A A A A A A A A B A A A A B
LixHs	2H	Bmag0003c	86.39	A U A A A A B A A A A A A B A A A B A A A A B A B A A A U A A A B A A B A A B B B B B A A B U A B B B B A A A B A A A A B A A A A A A B A A A A A A A A A A B A A A A B
LixHs	2H	Bmac0216	88.97	A A A A A B B A A A A A A U A A A B A A A A B A B A A B A A A A B A A B A A B B B B B A A B B A B B B B A A A B A B A A B A A A A A A B A A A A A A A A A A B A A A A U
LixHs	2H	Hv5s	88.97	A A A A A B B A A A A A A B A A A B A A A A B A B A A B A A A A B A A U A A B U B B B A A B B A B B B B U A A B A B A A B A A A A A A B A A A A A A A A A A B A A A A U
LixHs	2H	Bmag0125	89.83	U U U A A B B A A A A A U B A A A B A A A U B U B A A B A A A A B A A B A A B U U U B A A B B A B B B B A A A B A B A A A A A U A A A A B A A A A A U A A A A B A A U A U
LixHs	2H	EBmatc0039	93.26	A A A A A B B A A A A A A B A A A B A B A A B A B A A B A A A A A B A A B A A B B B B B A A B B A B B B A A A B A B A A A A A A A A A B A A A A A A A A A A B A A A A B
LixHs	2H	Bmac0144b	99.81	U A A A A B B A A A A A U B A A A A A B A A B A B A A B A A A A A B A A B A A B U B B B A A B B A B B A B A A A B A B A B A A A A A A A B A A B A A A A U A A B A A B B U
LixHs	2H	EBmac0415	117.86	A A A B A B B B B A A A A B A B A A A B A A B B B B A A A A A A B B B A A A A A A A A A A B A A B A A A B B B A B A B B A A A A B A A B B A A A B B A A A A A A B B B
LixHs	2H	HVM54	122.41	A A A A A U B A B A A A U B A B A A A B A A B B B B A A A A A A B B B A A A A A A B A A A A B A A B A A A B U B A B A B B A A A B A A B A A A A B B A A A A A B B B
LixHs	3H	EBmac0705	20.49	A B B B A B B B B A A B A A A B A B B A B A A B A B B A B B A B A A A A B B A A A A A B A B A A B A B A A A B B B B B A B B B B A A A A B A B A A B A A A A B A A B A A
LixHs	3H	HvLTPPB	20.49	A B B B A B B B B A A B A A A B A B B A B A A B A U B A B B A B A A A A B B A A A A A B A B U A B A B A A A B B B B B A B B B B A A A A B B A A A B A A A B A A B A A A
LixHs	3H	EBmac0565b	20.49	A B B B A B B B B A A B U A A B A B B A B A A B A B B A B B U B A A A A B B A U A U A B A B A A U A B A A U U B B B B U A B U B U A A A A B U A A A U A A U U U U B A U

LixHs	3H	Bmag0023	46.28	<p>           ABBBBABBBABBAABBAABAAAAABABBAABBAABBBBABAAAAAAU BBBABUA            AAAABBBABBBBAABBBABUBBAABAAAAA         </p>
LixHs	3H	Bmac0067	49.76	<p>           ABBBBABBBABBAABBAABBAABABABBAABBAABBBBABAAAUAAAUUBBBABAA            AAAABBBABBBBAUABBBABABBAABBAAAA         </p>
LixHs	3H	Bmag0006	50.14	<p>           UBBBBABBBABBAABBAABBAUABABBAABBAABBBBABAAAAAAABBBBABAAA            AAABBBABBBBAABBBABABBAABBAAAU         </p>
LixHs	3H	Bmag0010c	50.14	<p>           ABBBBABBBABBAABBAABBAABABBBUABAAABBUABAAAAAAABBBBABAA            AUAAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	Bmac0043	50.57	<p>           ABBBBABBBABBAABBAABBAABABBAABBAABBBBABAAAAAAABUBBBABAA            AAAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	HVM27	51.00	<p>           ABBBBABUBUABBBABBAABBAABBAABBAABBBBABAAAAAAABBBBABAA            AAAABBBABBBBAABBBABABBAUBBAAA         </p>
LixHs	3H	Bmag0121b	51.06	<p>           ABBBBABBBABBUABBAABBAABBAABBAABBBBABAAAAAAABABBBABAA            AAAABBBABBBBAABABABABUUABBAAAA         </p>
LixHs	3H	Bmag0131	51.06	<p>           ABBBBABBBABBUABBAABBAABBAABBAABBUABAUAAAAABBBBABAA            AAAABBBABBBBAUBBBABAUUBBUUUU         </p>
LixHs	3H	HVM44	51.06	<p>           ABBBBABBBABBBABBAABBAABBAABBAABBBBABAAAAAAABBBBABAAA            AAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	Bmag0136	52.09	<p>           ABBBBABBBABBAABBAABBAABBAABBAABBBBABAAAAAAABBBBUBAA            AAAABBBABBBBAABBBABABBAABBBB         </p>
LixHs	3H	Bmac0129a	52.39	<p>           ABBBBABBBABBAUBBAAAAAAABABBAABBAABBUABAAAAAAABBBBABAA            AAAABBBABBBBAABBBABABBAUBBAAA         </p>
LixHs	3H	Bmac0192b	52.39	<p>           ABBBBABBBABBAABBAABBAABBAABBAUAAABBBBABAAAAAAABBBBABAA            UAAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	Bmac0209	52.39	<p>           ABBBBABBBABBAUBBAAAAAAABABBAABBAABBBBABAAAAAAABBBUABAA            AUAAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	Bmag0508a	52.56	<p>           ABBBBABBBBBAABUAAABAAABABUAAABAAABBBBABAAAAUAABBBBBA            AAABBBABUBBAABUABABUAAUBAAA         </p>
LixHs	3H	Bmag0122	52.73	<p>           ABBBBABBBABBAABBAABBAABBAABBAABBAABBAABBBBABAAAAAAABBBBBA            AAABBBABBBBAABBBABABBAABBAAAA         </p>
LixHs	3H	Bmag0482c	52.82	<p>           ABUBBUBUUAABUABBBABBAABBAABBAABBAABBBBABAAAAAAUUBBBBAA            UAAABBBABBBBAUBBBABAUAAABBUUA         </p>
LixHs	3H	Bmag0482a	52.91	<p>           ABUBBUBUUAABUABBBABAAAAABABBAABBAABBBBABAAAAAAUUBBBBAA            UAAABBBABUBUAAUBBBABAUAAABBUUA         </p>
LixHs	3H	Bmag0138a	52.99	<p>           ABBBBABBBABBAABBAABBAABBAABBAABBBBABAAAAAAABBBBBA            AAAABBBABBBBAABBBABABBAABBAAAU         </p>

LixHs	3H	Bmag0113b	53.57	ABBBBABBBAAABAABBABAAAAABAUBUABAAABBBBABUAAAAAABBBBBBAA UUUUUBUABBBBAAABBBABABBAABBAUU
LixHs	3H	Bmag0318a	53.57	ABBBBABBBAAUAABBABAAAAABABBAABAAAUBBABAAAAAABBBBBBAA AAABBBBABBBBAAABBBABABBAABBAAAA
LixHs	3H	Bmag0350b	53.57	ABBBBABBBAAABAABBABAAAAABAUBAABUAAABBBBABUAAAAAUBBBBBBAA AAUUBBUABBBBAAABBBABABBAABBAUU
LixHs	3H	Bmag0603	54.55	UBBBBABBUAABUABBABAAAAUBABBUABAAABBBBAAAAAABBBBBBAA UUUAUBBABUUUAAAAABBBABUBUAAABBA
LixHs	3H	EBmac0871	57.62	ABBBBABBBABBAABBAAAAAABABBAABAAABBBBABAAAAAABBBBBABAA AUAAABBBABBBBAAABBBBAAABBAABBAAAA
LixHs	3H	Bmac0127b	65.50	BBBBBBBBBABBABBBAAAAAABABBBABBBBUABAAAAAABBBBBABBA BBABBBABBBBABBABBBUBABBAUBBA
LixHs	3H	Bmag0112	65.50	BBBBBBBBBABBABBAAAAAABABABBABBBBABBAAAAAABBUABBBAA BBABBBABBUABABBBBABBBAABBAAAA
LixHs	3H	HVM33	65.50	BBBBBBBBBABBUBBBAAAAAABABBBABBBUBBABAAAAAABBBBBABBA BBABBBABBBBABBABBBABABBAABBAAAA
LixHs	3H	GMS116A	69.16	BBBBBBBBBBBBBBBABBAAAAAABABAAABBABBBBABBAAAAAABBBBBBAA BBABBBBBBBBBABBUBUBABUAUBBA
LixHs	3H	HVM60	73.19	BBBBUBBBABBUBBBAAAAAABBBABBBUBBABAAAAAABBBAAUUA UBABBBBUBBAUABBBABABBAUUUUU
LixHs	3H	Bmag0225	75.54	BUBBBUBBBAAABAUBAAAAAUAUBAUBABBUUAUAAAAAABBBBBBA AUUAUUBBBBBUABAUBBAUABUAAUUAAA
LixHs	3H	Bmag0010b	93.23	BABBBBBBAUABBAABBAAABAABBABBBUBBABBBBUABAAAAAABBBBBBA UBABBBBBBAAABBBAAABBABBBBBA
LixHs	3H	Bmag0606	101.77	BABBUBBAAAABBABBBABBAABBABBBB BBBB BABAABB BBUBAUBBBBA BBABBBBBBAAABBBUUUUUUUUUUUUUU
LixHs	3H	Bmag0306b	104.15	BABABBBAAAABUABBABBAABBABBBABBAUUBBABAABUABAUAABBBUAA BBBBABBBAAAABBBAAABBAABBBUUU
LixHs	3H	Bmag0013	113.70	BABAABBAAAABABBBABABABBBB BBBB BUBAABAABBABBAB BBBBABBAABBAAABAABBAABBBBUU
LixHs	3H	EBmac0541	137.16	BABAABBABAABABBBABABBBBABBABBBBABBUBAABAABBAAABB BBBBABBABAABABBBBAAABBBBBAU
LixHs	3H	HVM62	139.43	BABBABBABAABUBBBABABBBBABBABBBUBABBABABAABAABBAAABB BBBBABBABAABABUBABAABBBBBA
LixHs	3H	EBmac0708	142.33	BABBABBABAABAUBBABABBBBABBABBBBABBBAABBBAABAUBABB BABBABBABAABABABBBBAAABBBBBA

LixHs	3H	EBmag0705	145.35	B A B B A B A A B A B B A B A B B A A A B B B B A B A B B B A B B B B B B B B A B B A B B U B B B B A B B B B A B B A A B A B A A A A B A B A B A B A B B B B B B A B
LixHs	3H	HVM70a	150.63	B A B B A B A A U A A B A U A B B B A B B B B A B A B U B A B B B B B U U B U A B A A U B A A B B B A B B U B A B B A A B A B A U A A B A U B B A B A B B B A B B U U U
LixHs	3H	Bmac0029	156.87	B A B B B B A A B A A B A A A B B B A A B A B A B A B A B B B A B B B B B B B B A B A A B B A B B B B A B A B B A B B A A B A B A A B A A A B B B A B A B B B A B A B A A
LixHs	4H	HvOLE	45.76	U B B A A A B B A B B A U A B A A B A B B A A A B A A A A A B A A B B B A A A U A B B A A A B A B A A B B A A A B B B A B A A A A B A B B B B A B B A B A A B B B B B U
LixHs	4H	Bmag0014	52.48	A B A B A A B B A A B U U A B A A B U B B A U A B A A A A A B A U B B B A U A B A B B U A U A A B A A B B A A A U A B A B A A A A A A B B U A A B A A B A B B B A B B B
LixHs	4H	GMS089	53.04	A B A B A A B B A A A A B A B A A B A B B A A A B A U A A A B A A B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A U A B B A A A A A U A U A B A B B B
LixHs	4H	Bmag0110b	53.20	A B A B A A B B A A B A A A B A A B A B B A A A A A A A A B A A B U B A A A B U U B A A A A A B A A B B A A A B A B A B A A A A A A B U B A A B A A B A B B B A B B B
LixHs	4H	EBmac0906	54.98	A B A B A A B B A A A A B A B A A A A B B A B A A B A A A A B A A B B B A A B B A B B A U A A A A A U B B A A A A U B A B A A A A A U A B B B A U A A A B A B U B A A A A
LixHs	4H	EBmac0691	56.31	A B B B B A B B A A A A B A B A A A A A A A A B B A A A A B A A B U B A A B B A U B A A A A A A A A B B A A A A A B A A A A A A A A A B B A B B A A B A B A B A B B A
LixHs	4H	Bmag0350d	56.76	A B A B A A B B A A A A A A B A A B A B B A A A B U A A A A U A A B B B A A U B A A U A A U A A A A A A B A A B B A B U B A A A A A A B B B A A A A A B A B A B A B U U
LixHs	4H	EBmag0781	57.42	A B B B A A B B A A A A B A U A A B A B B A A A A A A A A A B A A B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A U A B U A U B A A A A U A B A U B B
LixHs	4H	Bmag0306a	57.50	A B A B A A B B A A A A A U A B A A B A B B A A A B A A A A A B A A U B B A A B B A B B A A A A A A A A U B A A A A A B A B A A A A A A B B B A A A A A B A B A B A U U U
LixHs	4H	Bmag0375	57.50	A B A B A A B B A A A A A A B A A B A B B A A A B A A A A A B A A U B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmag0384	57.50	A B A B A A B B A A A A A A B A A B A B B A A A B A A A A A B A A A B B A A B B A B B A A A A A A A A B B A A A A A B A B U A A A A A B B B U A U A A B A B A B A B B B
LixHs	4H	HVM03	58.33	A B A B A A B B A A A A U A B A A A A A B B A A A B A A A A A A B A B U B B A A B U A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0047b	58.51	A B A B A A B B A A A A A A B A A A A B U A A U B A A A A A B A B B B B A B B B A U B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A U U U U U
LixHs	4H	Bmac0084	58.51	A B A B A A B B A A A A A A B A A U A B B A A A B A A U A A B A B A B B A A B B A B B A A A A U A A A B B A U U A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0181	58.51	A B A B A A B B A A A A A U B A A A A B B A A A B A A A A A B A B B B B A A B B A B B A A A A A A A A B B A A A A U B A B A A A A A A B B B A A A A A B A B A B A B B B

LixHs	4H	Bmac0297b	58.51	A B U B A A B B A A A A A B A A A A B B A A A B A A A A A B A B B B B A A B U A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0298	58.51	A B A B A A B B A A A A A B A A A A B B A A A B A A A A A B A B B B B A A B U A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0299	58.51	A B A B A A B B A A A A A B A A A A B B A A A B A A A A A B A B B B B A A B U A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0577	58.51	A B A B A A B B A A A A A B A A A A B B A A A B A A A A A B A B B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	EBmac0540	58.51	A B A B A A B B A A A A A B A A A A B B A A A B A A A A A B A B B B B A A B U A B B A B B A A A A A A A B B A A A A A B A B A A A A A A B A B A A A A A B A B A B A B B B
LixHs	4H	EBmac0009	58.51	A B A A A A B B A A A A A A A A A A B B A A A B A A A A A B B A B B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmag0344b	58.52	A B A B A A B U A A A A B A B A A B A B B A A A B A A A A A B A A B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	EBmac0669	58.52	A B A B A A B B A A A A B A B A A U A B B A A A B A A A A A B A A B B B A A B B A B U A A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0030	58.60	A B A B A A B B A A A A U A B A A A A B B A A A B A A A A A B A B U B B A A B B A B B A A A A A A A A B B A U A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	Bmac0144d	58.61	A B A B A A B B A A A A U A B A A A A B B A A A B A A A A A B A B B B B A A B U A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A U A B A B A B B U
LixHs	4H	Bmac0192d	58.80	A B A B A A B B A A A A U A B A A A A B B A A A B A A A A A U B A B B B B A A B B A B B A A A A A A A A B B U A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
LixHs	4H	HVM13	58.95	A B A B A A B B A A A A U A B A A A A B B A A A B A A A A A B A B B B B A A B B A B B A A A A A A A A B B A U A B A B A B A A A A A A U B B A A A A A B A B A B A B B B
LixHs	4H	Bmag0490	62.19	A B A B A A B B A A A A U B A B A U B A B B A A A B A A A A A B A B B B B B A A B B A B B A A A A U A A U A B A A A A A B A B A A A A A A B B B A A A A A A U B A B A B B U
LixHs	4H	HVM68	62.52	A B A B A A B B A A A A U A B A A A A B B A A A B A A A A A B A B B B U B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A A B A B A B A B B B
LixHs	4H	Bmac0186	63.89	A B A B A A B B A A U A A U B A A A A A B B A A A B A A A A A B A B B B B U A A B U A B U A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B B
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LixHs	4H	Bmag0353	65.01	A B A B A A B B A A A A A B A A B A B B A A A B A A A A A B A B B B B B A A B B A B B A A A A A A A A B B A A A A A B A B A A A A A A B B B A A A A A B A B A B A B B U

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LixHs	4H	EBmac0679	94.50	A B A B B B B B B A A A A A A A B A B A B A A A B A B A B A A B A A A A A B A A A A B A B B B A B A A B B B A A A A A B A A A A A A B B B B A A A B A B A B A B A B B B
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LixHs	4H	EBmac0788	97.67	A B B B B B B B B A A A A A A A B A B A B A A A B A B A B A A B A A A A A B A A A A A B B B A B A A A U B A A B A A B A A A A A A B B A B A A A B A B A B A B A B B B
LixHs	4H	HVMLOH1A	102.27	U B A B B B B B B A A A A A A A B A B A B A A A B A B A B A A B B A A A A A B A A B A A B U B U B A A A B U A A U A A B A A A A A A B B B B A A B B A U A B B B A U U B
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LixHs	4H	Bmag0138b	124.00	A B B B B B B B B A A B A B A B B B B A A A A A A A A A B A A B B A A A A A B A B B A A B B A A B A B A A B B A A A A B B B A A A A B B A B A A B B B B B B B A B A U
LixHs	5H	Bmac0163	37.74	A A A A A A A A B B B A B B A B B B B A A A A B A B A B A A B A B A A A A A A U A B A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B A B
LixHs	5H	EBmac0970	40.77	A A A A A A A A B B B A B U A B B B B A B B U A B A B B B B A B A B A B B B U U B A A U U A B A A A A B U B A B B A A B U B A A A B B B A A A A B B B B B A A B B B A A
LixHs	5H	HVM30a	41.93	A A A A A A A A B B B A U B A B B B B A B B B A B A B A B B A B A B B B B B A B A B B U B U B A A A A B B B A B B A A B B B A U U U B B A B B B A B B B B B B A B A
LixHs	5H	Bmag0337	44.99	A A A A A A A U B B B A A B A B B A B A B B B A B A U A B B A B B B B B B B A B B A B A A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A U U U
LixHs	5H	Bmag0387	44.99	A A A A A A A A B B B A A B A B B A U A B B B A B A B A B B A B B B B B B B A B B A B A A B A A A A B B B A B B A A B B B A A A B B B A B A B A B B B B B B A B A B
LixHs	5H	Bmag0394	44.99	A A A A A A A A B B B A A B A B B A B A B U B A B A B A B B A B B B B B B B A B B A B A A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B A B
LixHs	5H	Bmac0144e	46.88	A A A A A A A A B B B A U B A B B B B A B B B A B B B A B A A B A B B B B A B U B A A B B A B A A A A B B B A B A B B B B A A A B B B B A B B A B U B B B B A B A U
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LixHs	5H	Bmag0323	50.85	A A A A A A A B B B A B B A B B A B A B B B A B A B A B B A B B B B B B B A B B A B A A B A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B A B
LixHs	5H	Bmac0311	52.10	A A A A A A A B B B A A B A B B B B U B B B A B A B A B B A B A B B B B B U B A A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A U B B B B B A B U U
LixHs	5H	Bmag0121c	52.10	A A A A A A A B B B A U B A B B B B A B B B A B A B A B B A B A B B B B B A B A A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B U U B B B A B A B
LixHs	5H	Bmac0282a	52.78	A A A A A A A B B B A B B A B B B B A B B B A B A B A B B A B A B B B B B U B A A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B B U
LixHs	5H	EBmatc0054	52.78	A A A A A A A B B B A B B A B B B B A B B B A B A B A B B A B A B B B B B A B A A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B B B
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LixHs	5H	Bmac0113	53.12	A A A A A A A B B B A B B A B U B B A B B B A B A B A B B A B A B B B B B A B A A A B A B A A A A B B B A B B A A U B B A A A B B U A B B B A B U B B B U B A B A B
LixHs	5H	Bmac0284	53.12	A A A A A A A B B B A B B A B B B B A B B B A B A B A B B A B A U B U B B B A B A A A B A B A A A A B B B A B B A A B B B A U A B B B A B B B A B B B B B U A B A B
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LixHs	5H	EBmac0518	53.12	A A A A A A A A B B B A B B A B B B B A B B B A B A B A B B A U A B B B B B U B A A A B A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B A B
LixHs	5H	EBmatc0040	53.12	A A A A A A A A B B B A B B A B B B B A B B B A B A B A B B A B A U B B B B B A B A A A B A B A A A A B B B A B B A A U B B U A A B B B A B B B A B B B B B B A B A B
LixHs	5H	Bmac0306	55.17	A B A B B U U U B B B A B B A B B A B A B B B A B A B A B B A B B B B B B B A B B A B A A B A A A A B B B A B B A A B B B A A A B B B A B B B A B B B B B B A B A U
LixHs	5H	Bmag0357	65.04	A A A A A A A A B B A A B B A B B A B A B B B A B A B A B B A B B U B B B B B A B B A B B A B A A U A B B B A A B A B B B B A A A B B B A B B B A B B A B B B B A B A B
LixHs	5H	EBmac0684a	73.79	A A A A A A A A B B A A A B A B B A B A B B B A B B B A B B A B B B B B A B A B B A B B A B A A A U A U B A A B A B B B B A U A B B B B B A B B A B A B B B B A B A B
LixHs	5H	Bmag0113a	81.44	A A A A A A A A B B B A B B A B B A B A B B B A B U B A B A A B B B A B A A U A B B A B B A B A A B A A B B B A B A B B B B A A A B B B B B B B A B A B B B B A B A U
LixHs	5H	Bmag0223	86.88	A A A A A A A A B B B A B B A B A A B A A B B A B B B A B A A B B A A B B A B A B B A B B A B A A B A A A B B A B A B B B B A A A B B B B B B B A B A A B B B A B U U



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LixHs	5H	EBmac0824	125.75	A A B A B A A A B A A A B A B A A A A A B B A A B B B A A A A A A A U A B B A B A A U A A A B B A A A A A B A A A A B A A B B A A A U A A B A A B B B A A A A B A A A A
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LixHs	5H	GMS027	135.91	A A B A B A A A B A B A B A B A B A A B B A A B B B U A A A A A A A A A U B A B A A B B A A B B A A B B A B U A A A B A A B B B B B B A B B B B B A B A A A B B A A A U
LixHs	5H	Bmag0222	144.14	A A B A B A A A B A B A U A B A A B B B B B A A B B B A A A A A A U A A A A A B A A B A A A B B A A B B A B B A A B A A A B B B B B B A B B B B A B A A A B B A A B A
LixHs	5H	GMS001	183.25	B A B A B A A A B A B A B A B A A A B A B B A A B A B B A A A A A A A A A A A B A B B B A B A A A A A B A B B B B B B A A A B B B B B U B B A B B B A B A A U B B B B B A
LixHs	6H	BAC84c21_s33	0.00	B B A A A B B B B A B B B B B A A B B A B A A B B B B B B A A B B A A A A B B A A U A B B U B B B B A A B B B B A A B A A A B A A B B B B A B B B B B A B U B B A A A B
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LixHs	6H	Bmac0316	7.16	U B A A A B B B B A B B A B B A A B B A B A A B B U B B B A A B B A A A A B B A A A A B B B B B B A A A B B B B A A B A U B B A A B U U B A B B B B B A A B A B B A U A B
LixHs	6H	Bmag0500	31.65	U B A A A U U U B U U U U U B A U B A B B A A B B B B B B B A B B A A A A A B A A B A B B A B A B A A A B B B B A A A A A A A B B B B B B A B B B B A B B U B B U A A A
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LixHs	6H	EBmac0674	61.96	A A A A A A B A A A B B B A A A B B A A B B A A B A B B B A B A
LixHs	6H	EBmac0874	61.96	B B A B A A A B A B A B B B B B A A B A A A A A B A A B A A B B B B B A B A A A A A B A A A A A A B A
LixHs	6H	HVM65	62.11	A A A A A A B A A A B B B A A A B A B A B B A A B A B B B A B A
LixHs	6H	Bmag0009	62.21	B B A B A A A B A B A B U B B B B A A B A A A A A B A A B A A B U B B B A B A A A A A B A A A A A A B A
LixHs	6H	EBmac0639	62.21	A U A A A A B A A A B B B A A A B B A A B B A A B A B B B A B A
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LixHs	6H	Bmac0047a	62.27	B B B B B A A B A B A B B B B B B A A B A A A A A B A A B A A B B U B B A B A A A A A B A A A A A A B A
LixHs	6H	Bmac0127a	62.27	A A A A A A B A A A B B B A A A B B A A B B A A B A B B B A B A
LixHs	6H	HVM14	62.28	B B U B A A A B A B A B B B B B A A B A A A A A B A A B A A B B B B B A B U A U A A B A A A A A A B A
LixHs	6H	Bmag0496	63.75	A A A A A A B A A A B B B A A A B B A A B B A A B A B B B A B A
LixHs	6H	Bmag0219	64.31	B B A B A A A B A B A B B B B B A A B U A A U A A B B B A B A A B A B A A A A A B A A A A A A B A
LixHs	6H	Bmag0004a	64.71	A A A A A A B A A A B B B A A A B B A A B B A A B B A A B A U A A B B B B B A B A A A A A B A U A B A A B A
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LixHs	6H	Bmgttttt0001	64.71	A A A U A A B A A A B B B A A A B B A A B B A A B A B B B A B A
LixHs	6H	HvWaxy4b	64.71	B B A B A A A B A B A B B B B B A A B A A A A A B A A B A A B B B U B A B A A A A A B A A A B A A B A
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LixHs	6H	Bmac0251	69.25	A B A B A A A B A B A B B B B B B A B A A A A A B A A B A A A B B B B A B A A B A B B A A A B A A B A
LixHs	6H	Bmag0613	69.82	A B A B A A A B A B A B B B B U B B A B A A A A U A B A A B A A A B B B B A B A A B A B B A A A B A A U A
LixHs	6H	EBmac0602	75.42	A B A B A A A B A B A B B B B B A A B A A A A A B A A B A A B B B B B A B A A A A B B A A A B A A B A
LixHs	6H	EBmac0806	75.46	A B A B A A A B A B A B B A A B B A A B A A A A A B A A B A A A U U A U A U A A A A B B A A A A A U A
LixHs	6H	HVM11a	88.47	B B A B U U U B A B A B U B B B B A B B A A U U U A B A A B U A B U A A A B A B B U U A B A U A U U U B U
LixHs	6H	Bmag0571a	105.45	A B A A B B A B A B A B B B B A B B A A A A A A A B A A B U A A A A U A A A A A B A A B U A A B A A B A
LixHs	6H	Bmac0040a	113.19	A A A A B B A A A B A A B B B A A B A A B A A A A B B B B A B A A A A A A A A A A B A B A A A A A A
LixHs	7H	HVPLASC1B	2.65	A B U U B U B B B B U A U B B A A B A B B A U B B A A B A B B A U B B B U A U B B A B B U A A B B A A A A A
LixHs	7H	Bmag0021	6.78	A B B B B B B B B B A B B B A A B A B A A B B B A A B B B B B B B B A A B B B A B B A A A B B B A A A
LixHs	7H	EBmac0713	12.35	A B B B B B B B B B A A B B A A A A A B A A B B A A A B B A A A B B U A A A A B B A B A A A A B B A A A A
LixHs	7H	Bmag0206	15.25	A B B B B B B B B B A A B B B A A B A B A A B B B A A B B B B B B B B A A A B B A B B A A A B B A A A A B
LixHs	7H	EBmag0794	15.79	A B U B B B B B B B A A B B B A A B A B A A B B B A A B B B B B U B B A A A B B A B B A A A B B A A A A B
LixHs	7H	Bmag0007	20.62	A B B B B B B B B B A A B B B A A A A B A A B B B A A B U B B A B B B A A A B B B B A B A A B B B A A A B
LixHs	7H	HVM04	22.19	A B B B B B B B B B A A U B B A A A A B A A B B B A A B B B B B A U B B A A A B B B B A B A A B B B A A A B
LixHs	7H	HVCABG	23.21	A B B B B B B B B B A A U B B A A U A B A A B B B A A B B B B B A B B B A A A B B B B U B A A B B B A A A B
LixHs	7H	HvWaxy4a	23.21	A B B B B B B B B B A A U B B A A A A B A U B B B A U B B B B B A B B B A A A U B B B A B A A B B B U A U B

LixHs	7H	EBmac0603	35.39	A B A B A B B B B B A A B B B A A A A B A A B B B A B B B B A B A B B A A A B A B A A A B A A B B B B A A B A B B A A B B B A B A A B A B A B A B B A A B B B A B B A A
LixHs	7H	AF022725A	45.80	A B A B A B B B B A A B B B B A B B A B A A B B B A B B B B A B B B B A B A U A A B A B A A A B A A B A A B A B B A A B B B A A A A B A A A B B B B A B B B B A B A A A
LixHs	7H	Bmac0282b	59.31	A B A B A B B B B A A B A B A B B A B B B A B B B B B B B A B A B B A B A B U A B B A B A A B A B B A A B A B B A A A B B A A A B B A A B U B B A A A B B B A B A A U
LixHs	7H	EBmatc0016	64.76	A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B U B A B B A B B B B A B B A B A A B A B B A A B A B B A A A B A U A A B B A A B B B A A A A B B B A B A A B
LixHs	7H	HVCMA	67.59	A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B A B A B B A B A B B A B B A B A A B A B B B A B U B B A A A B A U A A B B A A B B A B A A A B B B A B A A B
LixHs	7H	Bmac0187	72.57	A B A B A B B U B A A B A U A B B A B B B A B A A B B B B B A B A B B U B A B B A B B B B A A B A B B B B B A B B A B A B A A A A B B B A B B A B A A A B B B A B A A A
LixHs	7H	Bmag0341	78.22	A B A B U B B U B A A B A A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B A A A A B B B A B A A A A A A B B B A B A A B
LixHs	7H	Bmag0110a	78.86	A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B A A A A B B B U B A A A A A A B B B A B A A B
LixHs	7H	Bmag0183	78.88	A B A B A B B B A A A B B A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B U A A A B B B A B A A A A A A B B B A B U U U
LixHs	7H	Bmag0359	78.88	A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B A A A A B B B A B A A A A A A B B B A B A U U
LixHs	7H	Bmag0109	79.06	A B A U A U B U B A A B U A A B B A B U B A U A A B B B B B A B U B B A B A B B A U B A B A A B A A U B B B A B B A B A B A A A A B B B A B A A A A A A B B B A B A A B
LixHs	7H	Bmag0189	79.06	A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B A B B U B A B A B B A B B A B A A B A A A U B B A B B A B A B A A A A B B B A B A A A A A A B A U A B A A B
LixHs	7H	Bmag0217	79.06	A B A B A B B B B U A B U A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B A A A U A B B B A B A A A A A A B B B A B A U U
LixHs	7H	Bmag0321	79.24	U B A B A B B B B A A B A A A B B A B B B A B A A B B B B B A B B B B A B A B B A B B A B A A B A A A B B B A B B A B A B A A A A B B B A B A A A A A A B B B A B A U U
LixHs	7H	Bmag0516	79.31	A B A B A B B B B A A B A A A B B A B B A U A B B B B B B A B A A B B B U A B B B B A B A B B A B B A B U B B U B B A B A B A A A A B B B A B A A A A A B B B B A B A A B
LixHs	7H	GMS056	79.74	B B B B A B B B B B B B A A A B B A B B B A A A U B U B A B B B B A B A B B A B B B A A A B A A A B B B A B B A B A B B B A A B U B A B A U A A A U B U B A A A B B
LixHs	7H	Bmac0162	80.32	A B A B A B B B B U B B A A A B B A B B B A A A B B B B B A B A B B A B A B B A B B B A A A B U B A B B B A B B A B A B A A A A B B B A B B A A A A A B B B A B A A B
LixHs	7H	Bmac0579	80.32	A B A B A B B B B A B B A A A B B A B B B A A A B B B B B A B A B B A B A B B A B B B A A A B A B A B B B A B B A B A B A A A A B B B A B B A A A A A B B B A B A A B

LixHs	7H	EBmac0785	80.57	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B B B B A B A B B B A B A B B B A A A B A B A B B B            A B B A B A B A A U A B B B A B A B A A A A B B A A B A A B         </p>
LixHs	7H	EBmac0827	80.57	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B B B B A B A B B B A B A B B B A A A B A B A B B B            A B B A B A B A U A A B B B A B A B A A A A B B B A B A A B         </p>
LixHs	7H	Bmac0224	80.74	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B B B B U B U B B U B A B B A B B B A A A B A B A B B B            A B B A B A B A A A A B B B A B B A A A A A B B U A B A A B         </p>
LixHs	7H	Bmac0273a	80.78	<p>           A B A B A B B B B A B B A U A B B A B B B A B A A B B B B B A B A B B A U A B B A B B B A A A B A B A B B B            A B B A B A B A A A A B B B A B B A U A A A B B B A B A A B         </p>
LixHs	7H	Bmac0031	81.75	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B U B B A B A U B A B A B B A U B B A A U B A B A B B B            A B B A B A B A A A A B B B A B B A A A A A B B B A B A A B         </p>
LixHs	7H	Bmag0010a	81.77	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B U B B A B A B B U B A B B A B B B A A A B A B A B B B            U B B A B A B A A A A B B B A B B A A A A A B B B A B A A B         </p>
LixHs	7H	Bmac0047c	81.78	<p>           U B A B A B B B B A B B A A A B B A B B U A B U A B B B B B A B A B B B A B A B B A U B B A A U B A B A B B B            A B B A B A B A A A A B B B A B B A A B B A B B B U U U U U         </p>
LixHs	7H	Bmac0297a	81.78	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B B B B A B A B B B A B A B U A B B B A A A B A B A B B B            A B B A B A B A A A A B B B A B B A A A A A B B B A B A A B         </p>
LixHs	7H	Bmag0011	81.78	<p>           A B A B A U B B B A B B A A A B B A B B B A B A A B B B B B A B A U B U B A B B A B B B A A A B A B A B B B            A B B A B A B A A A A B B B A B B A A A A A B B B A B U U U         </p>
LixHs	7H	Bmag0121a	81.78	<p>           A B A B A B B B B A B B U A A B B A B B B A B A A B A B B B A B A B B B A B A B B A B B B A A A U A B A B B B            A B B A B A B A A A A B B B A B B A A A A U U B B A B A A B         </p>
LixHs	7H	Bmag0228b	81.78	<p>           A B A B A B B B U A B B A A A B B A B B B A B A A B B B B B A B A B B B A B A B B A B B B A A A B A B A B B B            A B B A B A B A A A A B B B A B B A A A A A B B B A B A U U         </p>
LixHs	7H	Bmac0167	82.26	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B U B B A B A B B U B A B B A B B B A A A B A B A B B B            A A B A B A B A A A A B B B A B B A A A A A B B B A B A A B         </p>
LixHs	7H	Bmac0192a	82.26	<p>           A B A B A B B B B A B B A B A B B A B B B A B A A B B B B U A B A B B A B A B B A B B B A A A B A B A B B U            B A B A B A B A A A A A B B A B B A A A A A B B B A B A A B         </p>
LixHs	7H	Bmac0582	82.56	<p>           A B A B A B B B B A B B A A A B B A B B B A B A A B B B B B A B A B B B A B A B B A B B B A A A A A B A B B B            A B B A B A B A A A A B B B A B A A A A A A B B B A B A U U         </p>
LixHs	7H	Bmag0369	83.31	<p>           A B A B U B B B B A A B A A A B B A B B B A B A A B B B B B A B B U B A B A B B A B B B A B A A B A A A B B B            A B B A B A B A A A A B B B A B A A A A A A B B B A B A A B         </p>
LixHs	7H	Bmag0571b	83.56	<p>           A B A B A B B B B A A B A A A B B A B B B A B A A B B B B B U B B B B A B A B B A B B A B U A B A A A B B B            A B B A B A B A A A A B B B A A A A A A A B U U U U U U U U         </p>
LixHs	7H	GMS046	84.04	<p>           A B A B A B B B B B B B A A A B B U B B B A A A B B B B B A B B B B A B A B B A B B B A A A B A A A B B B            A B B A B A B A B A A B B B A B A A A A A U B U B A B A A B         </p>
LixHs	7H	Bmag0507	84.10	<p>           U U A U A U A B U A A B A A A U B A U B U A A A A U U B B U A U U B U A U A U B U B B U U A A B A A A A B            U A U U A B A B U U A U B B B U A B A A U A A U B B B A A A         </p>

LixHs	7H	Bmag0571c	85.64	ABABABBBBAABAAABBABBBAAAABBBBBUBBBBABABBABBABUABABABBB ABBABABBBBAABBBAAAAAAAUUUUUUUU
LixHs	7H	Bmag0385	88.17	ABABABBBBAABUAABBABBAAAAABBBBBABBUBABABBABBABAAAAUABBB ABBABABBBBAABBBABAAAAAAUBBAAABU
LixHs	7H	EBmac0764	90.66	ABABABBBBUBBAUABBUBBAUAABBBBBUBUBBUBABBUBBBUUUAABABBB UBBABAABBBUBBBABABUAAUBBBBAABB
LixHs	7H	Bmac0064	91.68	ABABABBBBABBAUABBABBAAAAABBBBBABABBABAUBABBBAAAAABABBB ABBABABBBBAABBBABBAAAAABBBAAABB
LixHs	7H	Bmag0120	97.00	ABABABBBBAABUAABBABBAAAAABBBBBBBBBBABAUBABBAAAAABBBABBB ABBAAABBBBAABAABABAABAABBBAAABB
LixHs	7H	Bmag0482b	98.85	AUUBAUBUUAAABUAABBABBAUAUAUUBBBUBBBBBABABUABUAUUAUABBB UABBAUABUBUUBBUABAUAUUABBBAAUAU
LixHs	7H	Bmag0174b	100.86	BBABUBBBBUABUBUBBBBBBAAAAABBBBBBBBBUBABBABBUA AAAABBUBBB ABBABUBBBUABBBABABABAABBBABAUU
LixHs	7H	HvAMY2	112.44	AUBBBBBABABBBBAABBABBAABAAAABBBBBBBBBBABABAAAAAAAUAUBBBB ABBAAAAABBBBBBBABABABAABBBAAAAU
LixHs	7H	EBmac0755	125.21	AABUBBBABAABAAAABBBBBBAABABAUBAABABBBBABABBABBAAABABBBABB AABBAAAAABBBBBBBAABBABBBABUBABA
LixHs	7H	Bmac0035	129.19	AUBBBBBABUABUAABBBUAABABAAUAABABBBBABABBABBAAUUABUBAAB UABBABUABUUUBUAABABAUUUUBABABA
LixHs	7H	HVM11b	135.09	UAUUUUUAUAABBAABBABUAABUUUAUAUABBBBABABUAUBAUUAUUUBUU BAAUBABA AU BBBUAAAUAUBAUABUABAUU
LixHs	7H	Bmac0156	136.42	AABBBBBBABBBABBAABBABAABBBAAAAABBBBABABUABBAAAUA BBBBAAB AABBABAABBBBBBBBABUABABABBABABA
LixHs	7H	HVM49	139.66	AABBBBBUBUAUAABBBABAAAUBAAAAABBBBABABBABBAAABBBBBBAAB AABBABAABBBUBBAAAAABABABBABABA
LixHs	7H	EBmac0565c	141.74	AABBBBBABBAAUABBABAABBBBAAAAUABBABABUAUBAAAUBBBBA UAABBAAAUUBBBBBAAAAABUBAUUUUABU
LixHs	7H	Bmag0004b	146.28	AUBABBABBAABAABBBABAABBBBAAAAABBBBAUABBAUBAAABBBABAAB AABBABAABBBBBBBAAAAABBABABUABABA
LixHs	7H	Bmag0135	147.51	AABABBBAUBAAUAABABAAAABBBBAAAAABBBUBABBABBAAAUBBBABA UAABBABAABBBBBBBAAAAABBABABUABABA
LixHs	7H	HVM05	148.22	AABABBABBBAAUAABABAAAABBBBAAAAABABUBABABBABBAAABBBABAAB AABBABAABBBBBBBAAAAABBABABBABABA
LixHs	7H	HVPRP	148.95	AABABUABBBAAUAABABAAAABBBBAUAABABBBABBBBAUUUAABBBAAUA BAABBABAUBBBBBBAUAUBBABAUBABU

LixHs      7H      HvID                      157.12      A A B B B B B A B B U B B A A A B A B A A B B B B B A B A A B B B B B B B B U U B B B A A B B B A B A B B  
A A B B B B A B B B B B B B A A B B B A B B B B A B A B B

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<sup>a</sup>Mapping scores: A=L94/SusPtrit/Steptoe/Dom/Franka/Lina, B=Vada/Vada/Morex/Rec/Igri/CanadaPark, U=missing