

Complex intra-allelic duplications

Donor 1

Progenitor S1-68.1 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAAFACAAAABAAABABCAA
 FAAACACAAAAACAAAABAAABABCAAAFBBB

Progenitor S1-67.1 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAAFACAAAABAAA--BCAAAFB
 AB---BABCAAAF
 BAAABCAAFFBABCAAAFBBB

Progenitor S1-60.1 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAA
 AAAAAFACAAA
 AAAAAAAAFACAAAABAAABABCAAAFBBB

Progenitor S1-52.1 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAAFACAAAABA--BAB
 ABA--BAB-AA
 AAABABCAAAFBBB

Progenitor S1-47.1 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAAFACAAA---ABAB
 AAABAAABABCAAAFBBB

Progenitor S1-44.2 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB
 CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBB
 BCA----BB

Donor 3

Progenitor S3-109.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFB
AAoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFB
A-AAAABAAAABABABCAAAFBBB

Progenitor S3-100.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAA
CA-----CAAAAABAAA
CA-----CAAAAABAAA
CA-----CAAAAABAAA
CACAAAAAFACAAAABAAAABABABCAAAFBBB

Progenitor S3-93.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAA
AAAFAAAAABAAA
CAAAA
CAAAAAAC
AF
AAAAFAAAA
CAAAAAAA
FACAAAABAAAABABABCAAAFBBB

Progenitor S3-90.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAABAB
AAAABAAA-B
CAAAAABAAAABABAB
AABAB
AAAB
CAAAAABAAAABABABCAAAFBBB

Progenitor S3-90.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAABABAB
-AAAABABABC
AAFAAAA
AAFAAAAABAAAABABAB
AAAABABABCAAAFBBB

Progenitor S3-89.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAABABABBAAAFABA
AAF
AAFAABA
oBoFAFAAAA-----FACAAAABAAAABABABCAAAFBBB

Progenitor S3-88.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAAAABAA
CAAAA-AAAA-----CAA
CAAAAABAAA
AABAAA-BA
AAAABAAAABABABCAAAFBBB

Progenitor S3-86.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAAB
AAFAAAAAB
AAFAAAAAB-----ABABCAAAF
AAFAAAAABAAAABABABCAAAFBBB

Progenitor S3-86.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
CBoBoFAFAAACACAAAAAFACAAAABAAAABAB
BAAAAA
AAAAFA
ACAAA--F
CACAAAAAFACAAAABAAAABABABCAAAFBBB

Donor 3 (continued)

Progenitor S3-83.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABA
 FACAA--BAAAA
 FACAAA-AAAABAB
 ACAAAABAAAABABABCAAAFBBB

Progenitor S3-78.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAA
 BAAAA
 CAAAAAB
 ACAA--B
 AAAABAAAABABABCAAAFBBB

Progenitor S3-77.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABA
 F----AABA
 AAACACAAAAAFACAAAABAAAABABABCAAAFBBB

Progenitor S3-73.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAA
 BABABCAA
 BA---BABABCAA
 BABABCAAFFBBB

Progenitor S3-72.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFA----CAAA
 CACAAA
 CAACAA
 FAAACAACAA
 FAAACACAAAAAFACAAAABAAAABABABCAAAFBBB

Progenitor S3-69.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABA--BCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABABCAA
 FACAAAABAAAABABABABCAAFFBBB

Progenitor S3-67.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAA
 ABA
 ACAAAABAAAABABABCAAAFBBB

Progenitor S3-67.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAAB
 AFACAAA
 AFACAAA
 AFACAAAABAAAABABABCAAAFBBB

Progenitor S3-61.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAA
 BCAA
 BAAAABABABCAAAFBBB

Progenitor S3-60.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABA
 FAAAAAABAAAABABABCAAAFBBB

Progenitor S3-60.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABABAABABAB
 ACAAAABAAAABABABCAAAFBBB

Progenitor S3-55.1 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAA
 BoBoFAFAAACAC-----FACAAAABAAAABABABCAAAFBBB

Donor 3 (continued)

Progenitor S3-54.4 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAA
 AF-----AB
 CAAAAAFACAAAABAAAABABABCAAAFBBB

Progenitor S3-54.5 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAA
 BAAA
 AABAAAABABABCAAAFBBB

Progenitor S3-52.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAA
 ACAAAAAFACAAAABAAAABABABCAAAFBBB

Progenitor S3-52.3 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABC
 BA---BABABCAAAFBBB

Progenitor S3-50.2 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAAFBBB
 CBoBoFAFAAACACAAAAAFACAAAABAAAABABABCAAA
 BABABCAAA---B