Somatic (blood DNA) mutants

Deletion mutations from class I progenitor

```
Progenitor  CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBBB

B1-38.1     CBo--FAFAAACACAAAAFACAAAABAAABABCAAAFBBB
B1-38.2*    CBoBoF--AAACACAAAAFACAAAABAAABABCAAAFBBB
B1-38.3*    CBoBoF--AAACACAAAAFACAAAABAAABABCAAAFBBB
B1-38.4*    CBoBoF--AAACACAAAAFACAAAABAAABABCAAAFBBB
B1-33.1     CBoBoFAFAAACAC-------AAAABAAABABCAAAFBBB
B1-35.1     CBoBoFAFAAACACAA-----AAAABAAABABCAAAFBBB
B1-38.5     CBoBoFAFAAACACAAA--ACAAAABAAABABCAAAFBBB
B1-35.2     CBoBoFAFAAACACAAAAF-----ABAAABABCAAAFBBB
B1-33.2     CBoBoFAFAAACACAAAAFACAA-------ABCAAAFBBB
B1-34.1     CBoBoFAFAAACACAAAAFACAAAABAAABA------BBB
B1-32.1     CBoBoFAFAAACACAAAAFACAAAABAAABAB--------
B1-38.6     CBoBoFAFAAACACAAAAFACAAAABAAABABC--AFBBB
B1-37.1     CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAF---
```

Simple duplications of class I progenitor

```
B1-44.1     CBoBoFAFAAACACAAAAFACAAAABAAAB
                                        AAABABCAAAFBBB

B1-42.1     CBoBoFAFAAACACAAAAFACAAAABAAABABCAAAFBB
                                                BBB
```

Complex duplications of Class I progenitor

```
B1-75.1     CBoBoFAFAAACACAAAAFACAAAABAAABABCAA
                          CAA---------BAAABABCAA
                          CAAAAFACAAAABAAABABCAAAFBBB
```

Deletion mutations from class III progenitor

```
Progenitor  CBoBACAACAoAoACAACABAAAABABAAEAABBAABAAAAAoACABAEAACAoACAAABAAACAoACACAAAABAABAAAoAAAAoACAACAAACAAABACEAABCEAAABCEAAAABCAAAABAAAEAAABAABAADAAAADAABoHBBB
B1-67.1     CBoBACAACAoAoACAACABAAAABABAAEAABBAABAAAAAoACABA----------------------------------------------------------------------------------------------AABAADAAAADAABoHBBB
```