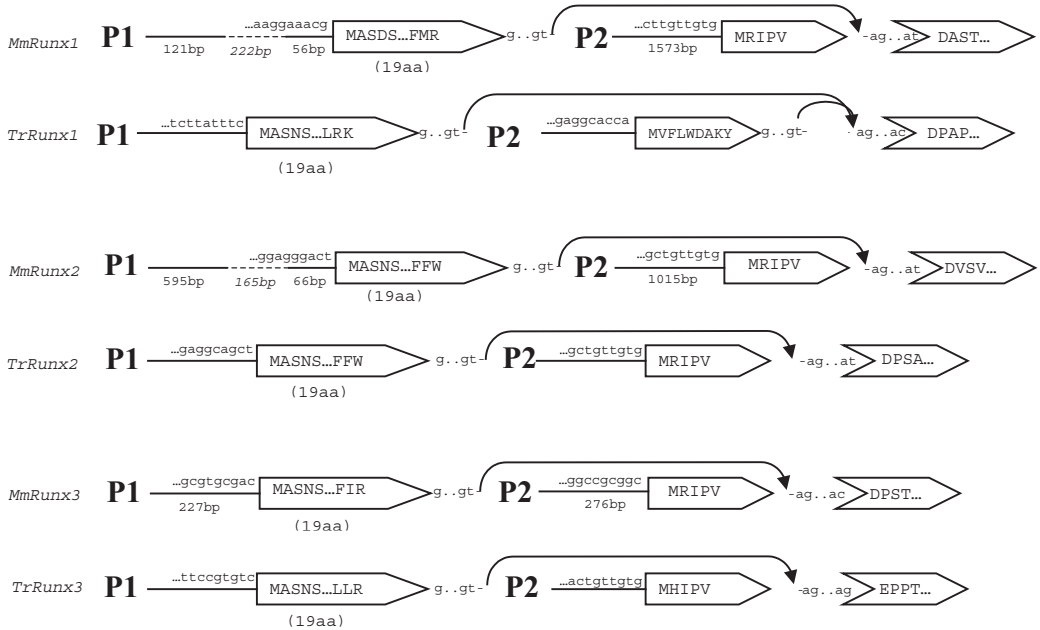

A

MmRunx1

Distal (19aa)
MASDSIFESFPSYPQCFMR^[g..gt-ag..at]^

Proximal
MRIPV^DASTSRRFTPPSTALSPGKMSEALPLGAPDGGAALASKLRSGDRSMVEVLADHP...

TrRunx1

Distal (19aa)
MASNSIFETVLSCHSALRK^[g..gt-ag..ac]^

Proximal
MVFLWDAKY^[g..gt-ag..ac]^DPAPGRRYTPPSTTLGSGGKMAEALPLGAQEAGGGGALMGKLRMADRSMME^[gt-ag]^

MmRunx2

Distal (19aa)
MASNSLFSAVTPCQQSFFW^[g..gt-ag..at]^

Proximal
MRIPV^DVSPVVAAQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQEAAAAAAAAAAAAAAAAAAVPRLRPPHDNRTMVEIIADHP...

TrRunx2

Distal (19aa)
MASNSLFSTVGPCQQNFFW^[g..gt-ag..at]^

Proximal
MRIPV^DPSATRRFSPPSSSLQPVPGKMNDVSSPTGQPDAAAAVPRLRPHENRSMAEIIADHP...

MmRunx3

Distal (19aa)
MASNSIFDSFPNYTPTFIR^[g..gt-ag..ac]^

Proximal
MRIPV^DPSTSRRFTPPSTAFPCGGGGGGKMGENSGALSAQATAGPGGRTRPEVRSMVDVLADHA...

TrRunx3

Distal (19aa)
MASNSIFDSLSSYSNSLLR^[g..gt-ag..ag]^

Proximal
MHIPV^EPPTTRRFTPPSTSFPCSKIGDSNGAMATPGPLRSRPDTRNMVDVLADHA...

B