



Supplementary Figure S1. Gene-inactivating mutations in VACV K3L orthologs of ectromelia virus (ECTV) and monkeypox virus (MPXV).

(a) Horizontal lines represent K3L orthologous genes in VACV, ECTV and MPXV. Inactivating mutations are indicated by red circles (stop codons), deletions (blue triangles) and insertions (inverse green triangles). Numbers above triangles indicate deleted or inserted nucleotides that lead to frame shifts. (b) Multiple sequence alignment of the 3' region of VACV K3L orthologs in orthopoxviruses. Note that the 7 bp 3' of the deletion could also be aligned 5' to the deletion in ECTV and MPXV clade I.