

Corrigendum: The extracellular interactome of the human adenovirus family reveals diverse strategies for immunomodulation

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In Supplementary Fig. 3 of this Article, the sequence given for CR1B_HAdV-D19a in the alignment shown is incorrect, and should have been identical to that listed for CR1B_HAdV-D37. A correct version of Supplementary Fig. 3 appears below as Figure 1, and a table of GenBank accession numbers and amino-acid boundaries used for cloning the viral proteins in this study appears below as Table 1.

The gene sequences utilized for production of the HAdV-D19a and HAdV-D37 CR1 β recombinant proteins were correct. However, despite having identical sequences, a discrepancy was found for the binding partners identified for these two proteins in the subsequent interactome analysis: HAdV-D37 interacted with CD45, ISLR2 and LILRB2 receptors, whereas HAdV-D19a CR1 β protein bound to CD45 and ISLR2. The reasons for these differences have not yet been conclusively determined; however, it should also have been noted that proteins D19 CR1b, D23 CR1b, D39 CR1b, D43 CR1b, D47 CR1b and D51 CR1b were expressed in CHO cells, whereas the remaining proteins, including D37 CR1b, were expressed in HEK293 cells. It is therefore possible that the use of different cell types underlies the differences in binding data. The specific proteins that were expressed in CHO cells should have been listed in the Methods section of the paper, where the cell types used were stated.



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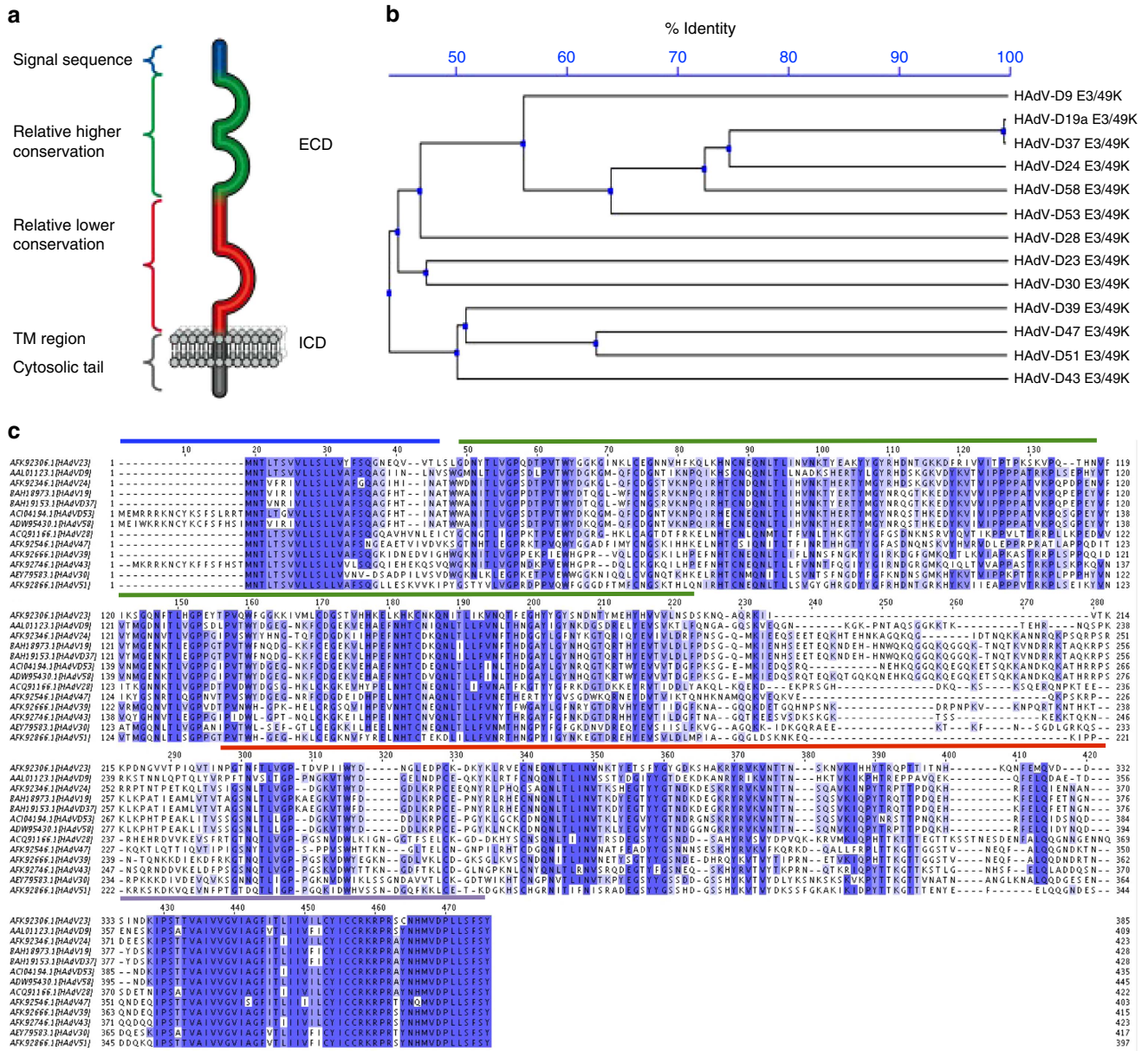


Figure 1

Table 1 | GenBank accession numbers and amino-acid boundaries utilized for cloning of each of the viral proteins in this study.

Viral gene	GenBank Accession Number	Boundaries
HAdV-A18 CR1 α	ACZ92165	M1-N240
HAdV-B55 CR1 α	AFP89865	M1-G92
HAdV-D28 CR1 α	ACQ91164	M1-V158
HAdV-E4 CR1 α	AAW33224	M1-V169
HAdV-F41 CR1 α	ACH90458	M1-Q141
HAdV-G52 CR1 α	ABK35052	M1-F148
HAdV-A18 CR1 β	ACZ92166	M1-T227
HAdV-B55 CR1 β	ACU57025	M1-S139
HAdV-E4 CR1 β	AAT97460	M1-S182
HAdV-F41 CR1 β	ACH90455	M1-N231
HAdV-G52 CR1 β	ABK35053	M1-F230
HAdV-B3 CR1 γ	YP_002213790	M1-I150
HAdV-D30 CR1 γ	AEY79584	M1-Q234
HAdV-E4 CR1 δ	AAS66936	M1-Q214
HAdV-D9 CR1 β	AAL01123	M1-A368
HAdV-D19a CR1 β	BAH18973	M1-T385
HAdV-D23 CR1 β	AFK92306	M1-T342
HAdV-D24 CR1 β	AFK92346	M1-A382
HAdV-D28 CR1 β	ACQ91166	M1-T379
HAdV-D30 CR1 β	AEY79583	M1-A376
HAdV-D37 CR1 β	BAH19153	M1-A387
HAdV-D39 CR1 β	AFK92666	M1-T372
HAdV-D43 CR1 β	AFK92746	M1-T380
HAdV-D47 CR1 β	AFK92546	M1-T360
HAdV-D51 CR1 β	AFK92866	M1-T354
HAdV-D53 CR1 β	ACI04194	M1-T392
HAdV-D58 CR1 β	ADW95430	M1-A404