Supplementary Material to
“Unbiased high-resolution composition analysis of an inactivated polyvalent foot-and-mouth disease vaccine”
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Supplementary Table S1: Summarized result of a megablast search of a partial dataset of 5000 randomly selected reads against known FMDV genomes. The corresponding strain/isolate name is provided if ≥5 reads matched, for others only the accession numbers are listed.

| Assigned reads | Accession no. | Strain/isolate name |
|----------------|---------------|---------------------|
| 2722           | AY593823.1    | Foot-and-mouth disease virus O isolate o1manisa iso87, complete genome |
| 673            | KJ933864.1    | Foot-and-mouth disease virus - type A strain Malaysia 97, complete genome |
| 615            | AY593798.1    | Foot-and-mouth disease virus Asia 1 isolate asia1leb-89 iso89, complete genome |
| 560            | AY593762.1    | Foot-and-mouth disease virus A isolate a22iraq-95 iso95, complete genome |
| 53             | MG372731.1    | Foot-and-mouth disease virus - type Asia 1 isolate TBD, complete genome |
| 38             | AF511039.1    | Foot-and-mouth disease virus - type O strain Akesu/58, complete genome |
| 31             | AY593854.1    | Foot-and-mouth disease virus O strain OMIII, complete genome |
| 28             | KY072818.1    | Foot-and-mouth disease virus - type O isolate YNTBa, complete genome |
| 23             | DQ533483.2    | Foot-and-mouth disease virus - type A strain ZB/CH/58(att), complete genome |
| 22             | DQ478936.1    | Foot-and-mouth disease virus - type O, complete genome |
| 21             | AY390432.1    | Foot-and-mouth disease virus Asia1 strain YNBS/58, complete genome |
| 14             | JF739177.1    | Foot-and-mouth disease virus - type A1 isolate As1/Shamir/89, complete genome |
| 9              | AY687333.1    | Foot-and-mouth disease virus - type Asia 1 isolate IND 321/01, complete genome |
| 8              | DQ989305.1    | Foot-and-mouth disease virus - type Asia 1 isolate IND 116-90, complete genome |
| 8              | DQ989309.1    | Foot-and-mouth disease virus - type Asia 1 isolate IND 82-96, complete genome |
| 6              | AY593821.1    | Foot-and-mouth disease virus O isolate o1caseros iso35, complete genome |
| 6              | KJ206909.1    | Foot-and-mouth disease virus - type O isolate LIB/2/2013 polyprotein gene, complete cds |
| 5              | AY593752.1    | Foot-and-mouth disease virus A isolate a12valle 119 iso20, complete genome |
| 5              | AY593791.1    | Foot-and-mouth disease virus A isolate airan iso105, complete genome |
| 5              | MH053313.1    | Foot-and-mouth disease virus - type O isolate ETH/2/2006, complete genome |
| 5              | MH053318.1    | Foot-and-mouth disease virus - type O isolate UGA/3/2002, complete genome |

+ 102 further reads matched to 66 strains:
AY593796.1, HQ832576.1, HQ832585.1, AF308157.1, AY593795.1, AY593813.1, AY593828.1, HM854021.1, HM854022.1, KY322675.1, AB079061.1, AY593777.1, AY593783.1, AY593808.1, AY593811.1, DQ989313.1, EF117837.1, GU384682.1, HQ632769.1, KI825807.1, KM268896.1, KY234501.1, MF461724.1, AF026168.2, AJ320488.1, AJ539138.1, AY593763.1, AY593765.1, AY593772.1, AY593793.1, AY593797.1, AY593803.1, AY593806.1, AY593807.1, AY593809.1, AY593824.1, DQ989306.1, DQ989315.1, DQ989316.1, DQ989319.1, FJ175663.1, FJ906802.1, HQ631363.1, HQ632768.1, HQ632770.1, HQ632772.1, HQ832589.1, JN998086.1, KA62884.1, KF112879.1, KF112884.1, KF69473.1, KJ754939.1, KJ825801.1, KI825803.1, KM257065.1, KM268898.1, KY446902.1, LC149617.1, LC438822.1, MH053305.1, MH053307.1, MH053309.1, MH053312.1, MH053316.1, MK071699.1

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