

Supplement 1: Deduced nucleotide sequence of the VP1/NC of HBoV-1 from Saudi blood donors in comparison to different HBoV published strains.

DQ000495.1|st1	AGCTGTGAAA	TTGTATGGGA	AGTAGAAAGA	TACGCAACAA	AGAACTGGCG	TCCAGAAAGA	AGACATACTG	CACTCGGGAT
FJ695472.1|KU1	.....	.....	.....	.....	.....	.....	.....	.....
DQ000496.1|st2	.....	.....	G.....	.....	.....	.....	.....	.....
NC_007455.1	.....	.....	G.....	.....	.....	.....	.....	.....
GQ925675.1|KU2	.....	.....	G.....	.....	.....	.....	.....	.....
JX887482.1|ZJ92	.....	.....	G.....	.....	.....	.....	.....	.....
JF327788.1|TUN4134	.....	.....	G.....	.....	.....	.....	.....	.....
KU557404|Eg/BSU-1	.....	.....	G.....	.....	.....	.....	.....	.....
JQ411251.1|KU3	.....G.....	.....	.....A.....	.....	.....	.....	.....	.....
JF327787.1|TUN2922	.....	.....	.....A.....	.....	.....	.....	.....	.....
KU557405|Eg/BSU-2	.....	.....	.....	.....	.....	.....	.....	.....
KU557406|Eg/BSU-3	.....G.....	.....	.....	.....	.....	.....	.....	.....
AB481071.1|_JPOC06-007	.....G.....	.....	.....	.....	.....	.....	.....	.....
JF699044.1|IR-RIGLD-PA5176	.....G.....	.....	.....	.....	.....	.....	.....	.....T.....
MF977917|Taif-4	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977918|Taif-5	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977919|Taif-6	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977920|Taif-7	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977921|Taif-8	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977922|Taif-9	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977923|Taif-10	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977924|Taif-11	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977925|Taif-12	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977926|Taif-13	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977927|Taif-14	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977928|Taif-15	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977929|Taif_16	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977930|Taif_17	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977931|Taif_18	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977932|Taif_19	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977933|Taif-20	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977934|Taif_21	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977935|Taif-22	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977936|Taif-23	.....G.....	.....	.....	.....	.....	.....	.....	.....
MF977937|Taif-24	.....G.....	.....	.....	.....	.....	.....	.....	.....
GU048664.1|HBoV-2|CU1557UK	.....C.....	.....C.....	.....T.....	.....	.....A.....	A.....G.....	.....C..C.....	.....T..TC.
GQ200737.1|HBoV-2|KU1	.....C.....	.....C.....	.....T.....	.....	.....A.....	A.....	.....C..C.....	.....T..TC.
KM624025.1|HBoV-2|LZFB080	.....C.....	.....C.....	.....T.....	.....	.....A.....	A.....G.....	.....C..C.....	.....G..T..TC.
FJ973558.1|HBoV2A-TU-A-114-06	.....C.....	.....C.....	.....T.....	.....	.....A.....	A.....G.....	.....C..C.....	.....T..TC.
GQ867666.1|HBoV-3|MC8	.....C.....	.....C.....	.....T.....	.....T.....	.....A.....	A.....	.....C..A.....	.....CC.
gFJ948861.1|HBoV-3|W855	.....C.....	.....C.....	.....C.....	.....T.....	.....A.....	A.....	.....C..A.....	.....CC.
FJ973562.1|HBoV3B-TU-A-210-07	.....C.....	.....C.....	.....C.....	.....T.....	.....A.....	A.....	.....C..A.....	.....CC.
NC_012564.1|HBoV-3	.....C.....	.....C.....	.....C.....	.....T.....	.....A.....	A.....	.....C..A.....	.....CC.
KJ649742.1|HBoV-4|RUS_NSC_11-N2657	.....C.....	.....C.....	.....T.....	.....T.....	.....A.....	A.....	.....C..AA.....	.....T..T..TC.
FJ973561.2|HBoV-4-NI-385	.....C.....	.....C.....	.....T.....	.....T.....	.....A.....	A.....	.....C..AA.....	.....T..T..TC.
KJ649741.1|HBoV-4|RUS_NSC_11-N2655	.....C.....	.....C.....	.....T.....	.....T.....	.....A.....	A.....	.....C..AA.....	.....T..T..TC.

Supplement 1 continue

DQ000495.1|st1	GTC	ACT	TAC	GTG	CAG	CAT	ACG
FJ695472.1|KU1	.....	.....	.....	.....	.....	.....	.....
DQ000496.1|st2	.....	.....	.....	.....	.....	.....	.....
NC_007455.1	.....	.....	.....	.....	.....	.....	.....
GQ925675.1|KU2	.....	.....	.....	.....	.....	.....	.....
JX887482.1|ZJ92	.....	.....	.....	.....	.....	.....	.....
JF327788.1|TUN4134	.....	.....	.....	.....	.....	.....	.....
KU557404|Eg/BSU-1	.....	.....	.....	.....	.....	.....	.....
JQ411251.1|KU3	.....	.....	.....	.....	.....	.....	.....
JF327787.1|TUN2922	.....	.....	.....	.....	.....	.....	.....
KU557405|Eg/BSU-2	.....	.....	.....	.....	.....	.....	.....
KU557406|Eg/BSU-3	.....	.....	.....	.....	.....	.....	.....
AB481071.1|_JPOC06-007	.....	.....	.....	.....	.....	.....	.....
JF699044.1|IR-RIGLD-PA5176	.....	.....	.....	.....	.....	.....	.....
MF977917|Taif-4	.....	.....	.....	.....	.....	.....	.....
MF977918|Taif-5	.....	.....	.....	.....	.....	.....	.....
MF977919|Taif-6	.....	.....	.....	.....	.....	.....	.....
MF977920|Taif-7	.....	.....	.....	.....	.....	.....	.....
MF977921|Taif-8	.....	.....	.....	.....	.....	.....	.....
MF977922|Taif-9	.....	.....	.....	.....	.....	.....	.....
MF977923|Taif-10	.....	.....	.....	.....	.....	.....	.....
MF977924|Taif-11	.....	.....	.....	.....	.....	.....	.....
MF977925|Taif-12	.....	.....	.....	.....	.....	.....	.....
MF977926|Taif-13	.....	.....	.....	.....	.....	.....	.....
MF977927|Taif-14	.....	.....	.....	.....	.....	.....	.....
MF977928|Taif-15	.....	.....	.....	.....	.....	.....	.....
MF977929|Taif_16	.....	.....	.....	.....	.....	.....	.....
MF977930|Taif-17	.....	.....	.....	.....	.....	.....	.....
MF977931|Taif_18	.....	.....	.....	.....	.....	.....	.....
MF977932|Taif-19	.....	.....	.....	.....	.....	.....	.....
MF977933|Taif-20	.....	.....	.....	.....	.....	.....	.....
MF977934|Taif_21	.....	.....	.....	.....	.....	.....	.....
MF977935|Taif-22	.....	.....	.....	.....	.....	.....	.....
MF977936|Taif-23	.....	.....	.....	.....	.....	.....	.....
MF977937|Taif-24	.....	.....	.....	.....	.....	.....	.....
GU048664.1|HBoV-2|CU1557UK	TGG	AGAA	ATA	AT	CAA	AA	AA
GQ200737.1|HBoV-2|KU1	TGG	AGAA	GTA	AT	CAA	AA	AA
KM624025.1|HBoV-2|LZFB080	TGG	AGAA	ATA	AT	CAA	AA	AA
FJ973558.1|HBoV2A-TU-A-114-06	TGG	AGAA	ATA	AT	CAA	AA	AA
GQ867666.1|HBoV-3|MC8	TGG	CAGATG	AATT	AC	CAA	AT	AA
gFJ948861.1|HBoV-3|W855	TGG	G.CAGATG	AAT	AC	CAA	AC	AA
FJ973562.1|HBoV3B-TU-A-210-07	TGG	G.CAGATG	AAT	AC	CAA	AC	AA
NC_012564.1|HBoV-3	TGG	G.CAGATG	AAT	AC	CAA	AC	AA
KJ649742.1|HBoV-4|RUS_NSC_11-N2657	TGG	CTGA	TA	AT	CAA	AC	AA
FJ973561.2|HBoV-4-NI-385	TGG	CTGA	TA	AT	CAA	AC	AA
KJ649741.1|HBoV-4|RUS_NSC_11-N2655	TGG	CTGA	TA	AT	CAA	AC	AA

Supplement 1 continue

DQ000495.1|st1	ATCAGTGTAT	GCCAGTAAAA	ACAAACATCA	ATAAAGTGT	GTAATCTTAT	AAGCCTCTTT	TTTGCTTCTG	CTTACAAGTT
FJ695472.1|KU1	...A...	.....	.....	.....	.....	.....	.....	.....
DQ000496.1|st2	.....	.....	.....	.....	.....	.....	.....	.....
NC_007455.1	.....	.....	.....	.....	.....	.....	.....	.....
GQ925675.1|KU2	.....	.....	.....	.....	.....	.....	.....	.....
JX887482.1|ZJ92	.....	.....G..	.....	.....	.....	.....	.....	.....
JF327788.1|TUN4134	.....	.....	.....	.....	.....	.....	.....	.....
KU557404|Eg/BSU-1	.....	.....	.....	.....	.....	.....	.....	.....
JQ411251.1|KU3	...A...	.....	.....	.....	.....	.....	.....	.....
JF327787.1|TUN2922	...A...	.....	.....	.....	.....	.....	.....	.....
KU557405|Eg/BSU-2	...A...	.....	.....	.....	.....	.....	.....	.....
KU557406|Eg/BSU-3	...A...	.....	.....	.....	.....	.....	.....	.....
AB481071.1|_JPOC06-007	.....	.....	.....	.....	.....	.....	.....	.....
JF699044.1|IR-RIGLD-PA5176	.....	.....	.....	.....	.....C..	.....	.....	.....
MF977917|Taif-4	...A...	.....	.....	.....	.....	.....	.....	.....
MF977918|Taif-5	.....	.....	.....	.....	.....	.....	.....	.....
MF977919|Taif-6	...A...	.....	.....	.....	.....	.....	.....	.....
MF977920|Taif-7	...A...	.....	.....	.....	.....	.....	.....	.....
MF977921|Taif-8	...A...	.....	.....	.....	.....	.....	.....	.....
MF977922|Taif-9	.....	.....	.....	.....	.....	.....	.....	.....
MF977923|Taif-10	.....	.....	.....	.....	.....	.....	.....	.....
MF977924|Taif-11	...A...	.....	.....	.....	.....	.....	.....T..	.....
MF977925|Taif-12	.....	.....	.....	.....	.....	.....	.....	.....
MF977926|Taif-13	.....	.....	.....	.....	.....	.....	.....	.....
MF977927|Taif-14	.....	.....	.....	.....	.....	.....	.....	.....
MF977928|Taif-15	.....	.....	.....	.....	.....	.....	.....	.....
MF977929|Taif_16	...A...	.....	.....	.....	.....	.....	.....	.....
MF977930|Taif-17	.....	.....	.....	.....	.....	.....	.....	.....
MF977931|Taif_18	.....	.....	.....	.....	.....	.....	.....	.....
MF977932|Taif-19	.....	.....	.....	.....	.....	.....	.....	.....
MF977933|Taif-20	.....	.....	.....	.....	.....	.....	.....	.....
MF977934|Taif_21	.....	.....	.....	.....	.....	.....	.....	.....
MF977935|Taif-22	.....	.....	.....	.....	.....	.....	.....	.....
MF977936|Taif-23	.....	.....	.....	.....	.....	.....	.....	.....
MF977937|Taif-24	.....	.....	.....	.....	.....	.....	.....	.....
GU048664.1|HBoV-2|CU1557UK	.CAT...CTA	T...TA.C...	.....	.....	.....A.CT.	.....G..C	A.....A..	.....T....
GQ200737.1|HBoV-2|KU1	.CAT...CTA	T...TA.C...	.....	.....	.....CT.	.....G..C	A.....A..	.....T....
KM624025.1|HBoV-2|LZFB080	.CAT...CTA	T...TA.C...	.....	.....	.....CT.	.....G..C	A.....A..	.....T....
FJ973558.1|HBoV2A-TU-A-114-06	.CAT...CTA	T...TA.C...	.....	.....	.....CT.	.....A..C	A.....A..	.....T....
GQ867666.1|HBoV-3|MC8	.CAT...CT.	T....T...	.....	.....	.....CT.	.....	A.....AC.	...GT....
gFJ948861.1|HBoV-3|W855	.CAT...CT.	T....T...	.....	.....	.....CT.	.....	A.....AC.	...GT....
FJ973562.1|HBoV3B-TU-A-210-07	.CAT...CT.	T....T...	.....T.	.....	.....CT.	.....	A.....AC.	...GT....
NC_012564.1|HBoV-3	.CAT...CT.	T....T...	.....	.....	.....CT.	.....	A.....AC.	...GT....
KJ649742.1|HBoV-4|RUS_NSC_11-N2657	.CAT...CT.	T....T...	.....	.....	.....T.CT.	.....	A.....AC.	...T....
FJ973561.2|HBoV-4-NI-385	.CAT...CT.	T....T...	.....	.....	.....C..C.	.....	A.....	...T....
KJ649741.1|HBoV-4|RUS_NSC_11-N2655	.CAT...CT.	T....T...	.....	.....	.....T.CT.	.....	A.....AC.	...T....

Supplement 1 continue

DQ000495.1|st1	CCTCCTCAAT	GGACAAGCGG	AAAGTGAAGG	GTGACTGTAG	TCCTGAGCTC	ATGGGTCAA	GACCACAGCC	CGATGGTAGT
FJ695472.1|KU1	.....	.....	.....	.....	.....	.....	.....	.....
DQ000496.1|st2	.....	.....	.....	.....	.....	.....	.....	.....
NC_007455.1	.....	.....	.....	.....	.....	.....	.....	.....
GQ925675.1|KU2	.....	.....	.....	.....	.....	.....	.....	.....
JX887482.1|ZJ92	.....	.....	.....	.....	.....	.....	.....	.....
JF327788.1|TUN4134	.....	.....	.....	.....	.....	.....	.....	.....
KU557404 Eg/BSU-1
JQ411251.1 KU3
JF327787.1 TUN2922
KU557405 Eg/BSU-2
KU557406 Eg/BSU-3
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MF977917 Taif-4
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MF977920 Taif-7
MF977921 Taif-8
MF977922 Taif-9
MF977923 Taif-10
MF977924 Taif-11
MF977925|Taif-12	.....	.....	.....	.....	C	.....	.....	.....
MF977926|Taif-13	.....	.....	.....	.....	.....	.....	.....	.....
MF977927|Taif-14	.....	.....	.....	.....	.....	.....	.....	.....
MF977928|Taif-15	.....	.....	.....	.....	.....	.....	.....	.....
MF977929|Taif_16	.....	.....	.....	.....	.....	.....	.....	.....
MF977930|Taif-17	.....	.....	.....	.....	.....	.....	.....	.....
MF977931|Taif_18	.....	.....	.....	.....	.....	.....	.....	.....
MF977932|Taif-19	.....	.....	.....	.....	.....	.....	.....	.....
MF977933|Taif-20	.....	.....	.....	.....	.....	.....	.....	.....
MF977934|Taif_21	.....	.....	.....	.....	.....	.....	.....	.....
MF977935|Taif-22	.....	.....	.....	.....	.....	.....	.....	.....
MF977936|Taif-23	.....	.....	.....	.....	.....	.....	.....	.....
MF977937|Taif-24	.....	.....	.....	.....	.....	.....	.....	.....
GU048664.1|HBoV-2|CU1557UK	...TC...	...A...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
GQ200737.1|HBoV-2|KU1	...TC...	...A...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
KM624025.1|HBoV-2|LZFB080	...TC...	...A...	...AA...	.....A	...C.....	...TA...G.	...G.T.T..T.	...C...
FJ973558.1|HBoV2A-TU-A-114-06	...TC...	...A...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
GQ867666.1|HBoV-3|MC8	...TC...	...T...	...AA...	.....A	...C.....	...CA...G.	...G.T...T.	...C...
gFJ948861.1|HBoV-3|W855	...TC...	A...T...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
FJ973562.1|HBoV3B-TU-A-210-07	...TC...	...T...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
NC_012564.1|HBoV-3	...TC...	...T...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
KJ649742.1|HBoV-4|RUS_NSC_11-N2657	...C..C...	...T...	...ACCC...	.....A	...C.....	...A...G.	...GAT.GG.G.	...C...
FJ973561.2|HBoV-4-NI-385	...TC...	...T...	...AA...	.....A	...C.....	...A...G.	...G.T...T.	...C...
KJ649741.1|HBoV-4|RUS_NSC_11-N2655	...TC...	...T...	...AAA...	.....A	...C.....	...A.....	...G.T...T.	...C...

Supplement 1 continue

DQ000495.1|st1	GGTGTACCG	TCTCGAACCT	AGCCGACA-G	CCCTTGTACA	TTGIGGGGGG	AGCTGTTTT
FJ695472.1|KU1	.....	.....	.....-	.....	.....	.....
DQ000496.1|st2	.....	.....	.....-	.....	.....	.....
NC_007455.1	.....	.....	.....-	.....	.....	.....
GQ925675.1|KU2	.....	.....	.....-	.....	.....	.....
JX887482.1|ZJ92	.....	.....	.....-	.....	.....	.....
JF327788.1|TUN4134	.....	.....	.....-	.....	.....	.....
KU557404|Eg/BSU-1	.....	.....	.....-	.....	.....	.....
JQ411251.1|KU3	.....	.....	.....-	.....	.....	.....
JF327787.1|TUN2922	.....	.....	.....-	.....	.....	.....
KU557405 Eg/BSU-2-
KU557406 Eg/BSU-3-
AB481071.1 _JPOC06-007-
JF699044.1 IR-RIGLD-PA5176-
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MF977928 Taif-15-
MF977929 Taif_16-
MF977930 Taif-17-
MF977931 Taif_18-
MF977932 Taif-19-
MF977933|Taif-20	.....	.....	.....-	.....	.....	.....
MF977934|Taif_21	.....	.....	.....-	.....	.....	.....
MF977935|Taif-22	.....	.....	.....-	.....	.....	.....
MF977936|Taif-23	.....	.....	.....-	.....	.....	.....
MF977937|Taif-24	.....	.....	.....-	.....	.....	.....
GU048664.1|HBoV-2|CU1557UK	.....G.....	.....	.....	.....	.....	.....
GQ200737.1|HBoV-2|KU1	.....G.....	.....	.....TT.CA	.....G.....	.....A.....	.....
KM624025.1|HBoV-2|LZFB080	.....G.....	.....	.....TT.CT	.GAGA----	.....	.....
FJ973558.1|HBoV2A-TU-A-114-06	.....G.....	.....	.....TT.CA	.....G.....	.....	.....
GQ867666.1|HBoV-3|MC8	.....G.....	.....	.....	.....	.....	.....
gFJ948861.1|HBoV-3|W855	.....G.-	.....	.....	.....	.....	.....
FJ973562.1|HBoV3B-TU-A-210-07	.....G.....	.....	.....TT.CA	.....	.....	.....
NC_012564.1|HBoV-3	.....C.G.....	.....	.....TT.CA	.....G.....	.....A.....	.....
KJ649742.1|HBoV-4|RUS_NSC_11-N2657	.....G.....	.....	.....TT.CA	.....G.....	.....A.....	.....
FJ973561.2|HBoV-4-NI-385	.....G.....	.....	.....TT.CA	.....	.....	.....
KJ649741.1|HBoV-4|RUS_NSC_11-N2655	.....	.....	.....	.....	.....	.....

Strains related to the HBoV-1 genotype are boxed.
Representative strains from HBoV-2, HBoV-3 and HBoV-4 are included.