

**Table S1.** Absolute HHV-6B gene transcript counts for all detected gene transcripts.

Transcript	Case 1	Case 2	Case 3	Case 7	DLBCL I	DLBCL II	SupT1 CD4+ T cells
Dr1	0	0	0	0	43	20	0
Dr3	0	0	0	0	0	0	0
B1	0	0	0	0	0	0	0
B2	0	0	0	0	0	0	0
DR6	0	0	0	0	104	52	0
B3	0	0	0	0	0	0	0
B4	0	0	0	0	0	0	102
B5	0	0	0	0	0	0	446
U4	0	8	0	2	50	23	5974
U3	0	20	0	22	48	22	5420
U2	0	18	0	38	32	15	4814
U8	0	28	0	28	73	35	4590
U7	0	72	0	102	245	114	14206
U6	0	0	0	0	0	0	0
U9	0	0	0	0	21	10	782
U10	0	32	0	28	127	63	10434
U11	0	36	0	48	291	123	42618
U12	0	4	0	4	14	7	1814
U13	0	0	0	0	0	0	350
U14	0	66	0	40	573	245	42596
U15	0	0	0	0	72	37	3156
U16	0	6	0	4	55	29	4430
U19	0	28	0	80	125	56	8372
U18	0	50	0	82	188	73	7010
U25	0	2	0	6	37	12	6512
U24A	0	0	0	0	60	33	220
U24	0	0	0	0	138	59	1450
U23	0	0	0	0	87	36	7920
U22	0	4	0	0	15	9	4294
U21	0	38	0	48	128	58	23932
U20	0	10	0	10	93	42	5902
U27	0	26	0	52	323	141	18594
U26	0	36	0	70	199	85	17000
U29	0	4	0	0	47	24	4008
U28	0	8	0	2	178	78	12938
U30	0	8	0	8	130	63	10882
U31	0	20	0	24	476	204	29514
U35	0	0	0	0	18	6	604
U34	0	0	0	4	67	33	6144
U33	0	4	0	2	68	30	6306
U32	0	2	0	2	42	18	1312
U36	0	0	0	2	96	45	5320
U37	0	6	0	0	204	79	12188
U41	0	48	0	120	498	234	48430

U40	0	0	0	10	116	56	9168
U39	0	4	0	6	211	85	19188
U38	2	58	8	102	445	211	40148
U43	0	6	0	30	180	69	14340
U42	0	80	0	114	313	146	21200
U44	0	4	0	6	63	25	5448
U45	0	14	0	16	80	37	5924
U46	0	2	0	2	35	17	1912
U47	0	8	0	16	242	115	30482
U48	0	10	0	10	329	137	21390
U49	0	0	0	0	62	22	2842
U50	0	8	0	2	92	40	9414
U51	0	48	0	58	263	115	16976
U52	0	2	0	8	64	26	3882
U53	0	8	0	14	233	97	22950
U57	0	12	0	16	726	356	36270
U56	0	16	0	6	218	98	14784
U55	0	6	0	4	94	36	7610
U54	0	24	0	32	438	185	31510
U58	0	6	0	4	85	41	5534
U59	0	2	0	4	94	46	6252
U66	0	2	0	0	60	20	5122
U62	0	0	0	0	20	9	356
U63	0	4	0	4	37	17	2912
U64	0	2	0	2	37	18	6750
U65	0	2	0	6	98	40	9974
U67	0	8	0	6	31	11	3312
U68	0	2	0	2	25	11	1780
U69	0	22	0	68	420	192	24524
U70	0	12	0	18	282	125	20248
U71	0	0	0	2	50	21	1654
U72	0	0	0	0	178	78	16374
U73	0	12	0	20	188	83	11284
U74	0	24	0	44	161	73	10846
U76	0	2	0	4	92	39	11556
U75	0	0	0	0	48	20	6770
U77	0	6	0	10	66	31	5532
B6	0	0	0	0	18	12	182
B7	0	0	0	0	57	31	182
U79	0	76	0	82	692	313	30948
U81	0	6	0	12	121	59	15320
U82	0	0	0	0	54	26	9330
U83	0	0	0	0	133	54	4688
U85	0	18	0	16	83	38	3542
U84	0	26	0	30	98	45	6580
U86	0	30	0	50	313	147	33116
U90	0	32	0	50	563	278	17548
U91	0	18	0	46	626	213	3486

B8	0	0	0	0	0	0	512
U94	0	0	0	0	26	13	1156
U95	0	38	0	72	783	363	33100
U100	0	2	0	4	267	105	39370
B9	0	0	0	0	0	0	1914

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Genes are color coded to indicate temporal class of expression, where blue indicates immediate early genes, green indicates late genes, and orange indicates early genes. Unclassified genes remain in black.

**Table S2.** Normalized HHV-6B gene transcript counts (viral reads per million unique mapped genomic reads) for all detected HHV-6B gene transcripts.

Transcript	Case 1	Case 2	Case 3	Case 7	DLBCL I	DLBCL II	SupT1 CD4+ T cells
Dr1	0	0	0	0	0.26875	0.063492	0
Dr3	0	0	0	0	0	0	0
B1	0	0	0	0	0	0	0
B2	0	0	0	0	0	0	0
DR6	0	0	0	0	0.65	0.165079	0
B3	0	0	0	0	0	0	0
B4	0	0	0	0	0	0	0.684564
B5	0	0	0	0	0	0	2.993289
U4	0	0.09206	0	0.020833	0.3125	0.073016	40.09396
U3	0	0.23015	0	0.229167	0.3	0.069841	36.37584
U2	0	0.207135	0	0.395833	0.2	0.047619	32.30872
U8	0	0.322209	0	0.291667	0.45625	0.111111	30.80537
U7	0	0.828539	0	1.0625	1.53125	0.361905	95.34228
U6	0	0	0	0	0	0	0
U9	0	0	0	0	0.13125	0.031746	5.248322
U10	0	0.368239	0	0.291667	0.79375	0.2	70.02685
U11	0	0.414269	0	0.5	1.81875	0.390476	286.0268
U12	0	0.04603	0	0.041667	0.0875	0.022222	12.1745
U13	0	0	0	0	0	0	2.348993
U14	0	0.759494	0	0.416667	3.58125	0.777778	285.8792
U15	0	0	0	0	0.45	0.11746	21.18121
U16	0	0.069045	0	0.041667	0.34375	0.092063	29.73154
U19	0	0.322209	0	0.833333	0.78125	0.177778	56.18792
U18	0	0.575374	0	0.854167	1.175	0.231746	47.04698
U25	0	0.023015	0	0.0625	0.23125	0.038095	43.7047
U24A	0	0	0	0	0.375	0.104762	1.47651
U24	0	0	0	0	0.8625	0.187302	9.731544
U23	0	0	0	0	0.54375	0.114286	53.15436
U22	0	0.04603	0	0	0.09375	0.028571	28.81879
U21	0	0.437284	0	0.5	0.8	0.184127	160.6174
U20	0	0.115075	0	0.104167	0.58125	0.133333	39.61074
U27	0	0.299194	0	0.541667	2.01875	0.447619	124.7919
U26	0	0.414269	0	0.729167	1.24375	0.269841	114.094
U29	0	0.04603	0	0	0.29375	0.07619	26.89933
U28	0	0.09206	0	0.020833	1.1125	0.247619	86.83221
U30	0	0.09206	0	0.083333	0.8125	0.2	73.03356
U31	0	0.23015	0	0.25	2.975	0.647619	198.0805
U35	0	0	0	0	0.1125	0.019048	4.053691
U34	0	0	0	0.041667	0.41875	0.104762	41.2349
U33	0	0.04603	0	0.020833	0.425	0.095238	42.32215
U32	0	0.023015	0	0.020833	0.2625	0.057143	8.805369
U36	0	0	0	0.020833	0.6	0.142857	35.7047
U37	0	0.069045	0	0	1.275	0.250794	81.79866
U41	0	0.552359	0	1.25	3.1125	0.742857	325.0336

U40	0	0	0	0.104167	0.725	0.177778	61.5302
U39	0	0.04603	0	0.0625	1.31875	0.269841	128.7785
U38	0.017683	0.667434	0.030098	1.0625	2.78125	0.669841	269.4497
U43	0	0.069045	0	0.3125	1.125	0.219048	96.24161
U42	0	0.920598	0	1.1875	1.95625	0.463492	142.2819
U44	0	0.04603	0	0.0625	0.39375	0.079365	36.56376
U45	0	0.161105	0	0.166667	0.5	0.11746	39.75839
U46	0	0.023015	0	0.020833	0.21875	0.053968	12.83221
U47	0	0.09206	0	0.166667	1.5125	0.365079	204.5772
U48	0	0.115075	0	0.104167	2.05625	0.434921	143.557
U49	0	0	0	0	0.3875	0.069841	19.07383
U50	0	0.09206	0	0.020833	0.575	0.126984	63.18121
U51	0	0.552359	0	0.604167	1.64375	0.365079	113.9329
U52	0	0.023015	0	0.083333	0.4	0.08254	26.05369
U53	0	0.09206	0	0.145833	1.45625	0.307937	154.0268
U57	0	0.13809	0	0.166667	4.5375	1.130159	243.4228
U56	0	0.18412	0	0.0625	1.3625	0.311111	99.22148
U55	0	0.069045	0	0.041667	0.5875	0.114286	51.07383
U54	0	0.27618	0	0.333333	2.7375	0.587302	211.4765
U58	0	0.069045	0	0.041667	0.53125	0.130159	37.14094
U59	0	0.023015	0	0.041667	0.5875	0.146032	41.95973
U66	0	0.023015	0	0	0.375	0.063492	34.37584
U62	0	0	0	0	0.125	0.028571	2.389262
U63	0	0.04603	0	0.041667	0.23125	0.053968	19.54362
U64	0	0.023015	0	0.020833	0.23125	0.057143	45.30201
U65	0	0.023015	0	0.0625	0.6125	0.126984	66.9396
U67	0	0.09206	0	0.0625	0.19375	0.034921	22.22819
U68	0	0.023015	0	0.020833	0.15625	0.034921	11.94631
U69	0	0.253165	0	0.708333	2.625	0.609524	164.5906
U70	0	0.13809	0	0.1875	1.7625	0.396825	135.8926
U71	0	0	0	0.020833	0.3125	0.066667	11.10067
U72	0	0	0	0	1.1125	0.247619	109.8926
U73	0	0.13809	0	0.208333	1.175	0.263492	75.73154
U74	0	0.27618	0	0.458333	1.00625	0.231746	72.79195
U76	0	0.023015	0	0.041667	0.575	0.12381	77.55705
U75	0	0	0	0	0.3	0.063492	45.43624
U77	0	0.069045	0	0.104167	0.4125	0.098413	37.12752
B6	0	0	0	0	0.1125	0.038095	1.221477
B7	0	0	0	0	0.35625	0.098413	1.221477
U79	0	0.874568	0	0.854167	4.325	0.993651	207.7047
U81	0	0.069045	0	0.125	0.75625	0.187302	102.8188
U82	0	0	0	0	0.3375	0.08254	62.61745
U83	0	0	0	0	0.83125	0.171429	31.46309
U85	0	0.207135	0	0.166667	0.51875	0.120635	23.77181
U84	0	0.299194	0	0.3125	0.6125	0.142857	44.16107
U86	0	0.345224	0	0.520833	1.95625	0.466667	222.255
U90	0	0.368239	0	0.520833	3.51875	0.88254	117.7718
U91	0	0.207135	0	0.479167	3.9125	0.67619	23.39597

B8	0	0	0	0	0	0	3.436242
U94	0	0	0	0	0.1625	0.04127	7.758389
U95	0	0.437284	0	0.75	4.89375	1.152381	222.1477
U100	0	0.023015	0	0.041667	1.66875	0.333333	264.2282
B9	0	0	0	0	0	0	12.84564

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Genes are color coded to indicate temporal class of expression, where blue indicates immediate early genes, green indicates late genes, and orange indicates early genes. Unclassified genes remain in black.

**Table S3.** Relative HHV-6B gene transcript count detection (percentage of the total viral read count) for all detected HHV-6B gene transcripts.

Transcript	Case 1	Case 2	Case 3	Case 7	DLBCL I	DLBCL II	SupT1 CD4+ T cells
Dr1	0.00	0.00	0.00	0.00	0.29	0.30	0.00
Dr3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DR6	0.00	0.00	0.00	0.00	0.69	0.78	0.00
B3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B4	0.00	0.00	0.00	0.00	0.00	0.00	0.01
B5	0.00	0.00	0.00	0.00	0.00	0.00	0.04
U4	0.00	0.64	0.00	0.11	0.33	0.35	0.57
U3	0.00	1.61	0.00	1.20	0.32	0.33	0.52
U2	0.00	1.44	0.00	2.07	0.21	0.23	0.46
U8	0.00	2.25	0.00	1.53	0.49	0.53	0.44
U7	0.00	5.78	0.00	5.56	1.64	1.71	1.36
U6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U9	0.00	0.00	0.00	0.00	0.14	0.15	0.07
U10	0.00	2.57	0.00	1.53	0.85	0.95	1.00
U11	0.00	2.89	0.00	2.61	1.94	1.85	4.07
U12	0.00	0.32	0.00	0.22	0.09	0.11	0.17
U13	0.00	0.00	0.00	0.00	0.00	0.00	0.03
U14	0.00	5.30	0.00	2.18	3.83	3.68	4.07
U15	0.00	0.00	0.00	0.00	0.48	0.56	0.30
U16	0.00	0.48	0.00	0.22	0.37	0.44	0.42
U19	0.00	2.25	0.00	4.36	0.83	0.84	0.80
U18	0.00	4.01	0.00	4.47	1.26	1.10	0.67
U25	0.00	0.16	0.00	0.33	0.25	0.18	0.62
U24A	0.00	0.00	0.00	0.00	0.40	0.50	0.02
U24	0.00	0.00	0.00	0.00	0.92	0.89	0.14
U23	0.00	0.00	0.00	0.00	0.58	0.54	0.76
U22	0.00	0.32	0.00	0.00	0.10	0.14	0.41
U21	0.00	3.05	0.00	2.61	0.85	0.87	2.28
U20	0.00	0.80	0.00	0.54	0.62	0.63	0.56
U27	0.00	2.09	0.00	2.83	2.16	2.12	1.77
U26	0.00	2.89	0.00	3.81	1.33	1.28	1.62
U29	0.00	0.32	0.00	0.00	0.31	0.36	0.38
U28	0.00	0.64	0.00	0.11	1.19	1.17	1.23
U30	0.00	0.64	0.00	0.44	0.87	0.95	1.04
U31	0.00	1.61	0.00	1.31	3.18	3.06	2.82
U35	0.00	0.00	0.00	0.00	0.12	0.09	0.06
U34	0.00	0.00	0.00	0.22	0.45	0.50	0.59
U33	0.00	0.32	0.00	0.11	0.45	0.45	0.60
U32	0.00	0.16	0.00	0.11	0.28	0.27	0.13
U36	0.00	0.00	0.00	0.11	0.64	0.68	0.51
U37	0.00	0.48	0.00	0.00	1.36	1.19	1.16
U41	0.00	3.85	0.00	6.54	3.33	3.51	4.62

U40	0.00	0.00	0.00	0.54	0.77	0.84	0.87
U39	0.00	0.32	0.00	0.33	1.41	1.28	1.83
U38	100.00	4.65	100.00	5.56	2.97	3.17	3.83
U43	0.00	0.48	0.00	1.63	1.20	1.04	1.37
U42	0.00	6.42	0.00	6.21	2.09	2.19	2.02
U44	0.00	0.32	0.00	0.33	0.42	0.38	0.52
U45	0.00	1.12	0.00	0.87	0.53	0.56	0.57
U46	0.00	0.16	0.00	0.11	0.23	0.26	0.18
U47	0.00	0.64	0.00	0.87	1.62	1.73	2.91
U48	0.00	0.80	0.00	0.54	2.20	2.06	2.04
U49	0.00	0.00	0.00	0.00	0.41	0.33	0.27
U50	0.00	0.64	0.00	0.11	0.61	0.60	0.90
U51	0.00	3.85	0.00	3.16	1.76	1.73	1.62
U52	0.00	0.16	0.00	0.44	0.43	0.39	0.37
U53	0.00	0.64	0.00	0.76	1.56	1.46	2.19
U57	0.00	0.96	0.00	0.87	4.85	5.35	3.46
U56	0.00	1.28	0.00	0.33	1.46	1.47	1.41
U55	0.00	0.48	0.00	0.22	0.63	0.54	0.73
U54	0.00	1.93	0.00	1.74	2.92	2.78	3.01
U58	0.00	0.48	0.00	0.22	0.57	0.62	0.53
U59	0.00	0.16	0.00	0.22	0.63	0.69	0.60
U66	0.00	0.16	0.00	0.00	0.40	0.30	0.49
U62	0.00	0.00	0.00	0.00	0.13	0.14	0.03
U63	0.00	0.32	0.00	0.22	0.25	0.26	0.28
U64	0.00	0.16	0.00	0.11	0.25	0.27	0.64
U65	0.00	0.16	0.00	0.33	0.65	0.60	0.95
U67	0.00	0.64	0.00	0.33	0.21	0.17	0.32
U68	0.00	0.16	0.00	0.11	0.17	0.17	0.17
U69	0.00	1.77	0.00	3.70	2.80	2.88	2.34
U70	0.00	0.96	0.00	0.98	1.88	1.88	1.93
U71	0.00	0.00	0.00	0.11	0.33	0.32	0.16
U72	0.00	0.00	0.00	0.00	1.19	1.17	1.56
U73	0.00	0.96	0.00	1.09	1.26	1.25	1.08
U74	0.00	1.93	0.00	2.40	1.08	1.10	1.04
U76	0.00	0.16	0.00	0.22	0.61	0.59	1.10
U75	0.00	0.00	0.00	0.00	0.32	0.30	0.65
U77	0.00	0.48	0.00	0.54	0.44	0.47	0.53
B6	0.00	0.00	0.00	0.00	0.12	0.18	0.02
B7	0.00	0.00	0.00	0.00	0.38	0.47	0.02
U79	0.00	6.10	0.00	4.47	4.62	4.70	2.95
U81	0.00	0.48	0.00	0.65	0.81	0.89	1.46
U82	0.00	0.00	0.00	0.00	0.36	0.39	0.89
U83	0.00	0.00	0.00	0.00	0.89	0.81	0.45
U85	0.00	1.44	0.00	0.87	0.55	0.57	0.34
U84	0.00	2.09	0.00	1.63	0.65	0.68	0.63
U86	0.00	2.41	0.00	2.72	2.09	2.21	3.16
U90	0.00	2.57	0.00	2.72	3.76	4.18	1.67
U91	0.00	1.44	0.00	2.51	4.18	3.20	0.33



B8	0.00	0.00	0.00	0.00	0.00	0.00	0.05
U94	0.00	0.00	0.00	0.00	0.17	0.20	0.11
U95	0.00	3.05	0.00	3.92	5.23	5.45	3.16
U100	0.00	0.16	0.00	0.22	1.78	1.58	3.76
B9	0.00	0.00	0.00	0.00	0.00	0.00	0.18

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Genes are color coded to indicate temporal class of expression, where blue indicates immediate early genes, green indicates late genes, and orange indicates early genes. Unclassified genes remain in black.