

Figure S4. Description of the transcription initiation (TI) and the transcription termination (TTP) signal sequences of the genes of the seven bird-related sunrhaviruses, and their positions related to the ATG of the associated ORF.

Conserved motifs are indicated in grey for TI or underlined for TTP. The consensus sequences are indicated in italic.

^a The beginning of the N gene is lacking in the genome sequence obtained by NGS analysis.

^b The position of the TTP and the TI signals are inverted in the genome sequence (the TTP sequence of the SH (U3) gene being after the TI sequence of the G gene, with the sequence ATCA between them).

^c Beginning of the genome sequence obtained from GenBank number MK965544.

^d Presence of a putative additional ORF upstream the N gene.

D: A, G or T; W: A or T; Y: C or T; S: C, G or T; H: A, C or T; M: A or C.

SAJV_0408RCA

Leader – N ^a	
N - P	CATGAAAAAAAACAACA - N ₆ - ATG
P - M	CATGAAAAAAAACAACA - N ₉ - ATG
M – SH (U2)	CATGAAAAAAAACAACA - N ₉ - ATG
SH (U2) - G	CTTGAAAAAAAACAACA - N ₉ - ATG
G - L	CATGAAAAAAAACAACA - N ₉ - ATG
L - Trailer	CGCGAAAAAAAA
Consensus	<i>CDTGAAAAAAAACAACA</i>

NASV_0410RCA

Leader – N ^a	
N - P	CATGAAAAAAAACAACA - N ₆ - ATG
P - M	CATGAAAAAAAACAACA - N ₉ - ATG
M – SH (U2)	CATGAAAAAAAACAACA - N ₉ - ATG
SH (U2) - G	CATGAAAAAAAACAACA - N ₉ - ATG
G - L	CATGAAAAAAAATAACA - N ₉ - ATG
L - Trailer	CTTGAAAAAAAA
Consensus	<i>CWTGAAAAAAAAYAACA</i>

BBOV_9716RCA

Leader – N		GAACA - N ₆ - ATG
N - P	CATGAAAAAAAA	CAACA - N ₉ - ATG
P - M	CATGAAAAAAAA	CAACA - N ₉ - ATG
M – SH (U3)	CTTGAAAAAAAA	CAACA - N ₉ - ATG
SH (U3) – G	CATGAAAAAAAA	CAACA - N ₉ - ATG
G - L	CATGAAAAAAAACTAACA	- N ₉ - ATG
L - Trailer	CATGAAAAAAAA	
Consensus	<i>CWTGAAAAAAAA</i>	<i>SAACA</i>

KOLV_9717RCA

Leader – N	CATGAAAAAAAA	CAACA - N ₆ - ATG
N - P	CATGAAAAAAAA	CAACA - N ₉ - ATG
P - M	CATGAAAAAAAA	CAACA - N ₉ - ATG
M – SH (U2)	CTTGAAAAAAAA	CAACA - N ₉ - ATG
SH (U2) – G	CATGAAAAAAAA	CAACA - N ₉ - ATG
G - L	CATGAAAAAAAACTAACA	- N ₉ - ATG
L - Trailer	CATGAAAAAAAA	
Consensus	<i>CWTGAAAAAAAA</i>	<i>YAACA</i>

OUAV_9718RCA

Leader – N		CAACA - N ₃ - ATG
N - P	CATGAAAAAAAA	TAACA - N ₃ - ATG
P - M	TTTGAAAAAAAA	CAACA - N ₆ - ATG
M – SH (U3)	AATAAAAAAAAA	CAACA - N ₉ - ATG
SH (U3) – G ^b	CATGAAAAAAAA	CAACA - N ₃ - ATG
G - L	CATGAAAAAAAA	CAACA - N ₉ - ATG
L - Trailer	CTTGAAAAAAAA	
Consensus	<i>HWTGAAAAAAAA</i>	<i>YAACA</i>

BEAV_09023EGY

Leader – N ^c		AACA - N ₆ - ATG
N - P	CATGAAAAAAAA	CAACA - N ₃ - ATG
P - M	CATGAAAAAAAA	CAACA - N ₉ - ATG
M – SH (U3)	CATGAAAAAAAA	CAACA - N ₆ - ATG
SH (U3) – G	CTTGAAAAAAAA	CAACA - N ₉ - ATG
G - L	CATGAAAAAAAA	CAACA - N ₉ - ATG
L - Trailer	CATGAAAAAAAA	
Consensus	<i>CWTGAAAAAAAA</i>	<i>MAACA</i>

MTYV_09027EGY

Leader – N		GAACA - N ₆ - ATG
N - P	CATGAAAAAAAA	CAACA - N ₃ - ATG
P - M	CATGAAAAAAAA	CAACA - N ₉ - ATG
M – SH (U2)	ATTGAAAAAAAA	CAACA - N ₆ - ATG
SH (U2) – G	CTTGAAAAAAAA	CAACA - N ₉ - ATG
G - L	CATGAAAAAAAA	CAACA - N ₉ - ATG
L - Trailer	CATGAAAAAAAA	
Consensus	<i>MWTGAAAAAAAA</i>	<i>SAACA</i>