

**Supplemental Table S1. List of proteins that vary between strains.**

<b>Comparison</b>	<b># proteins</b>	<b>List of proteins that vary between strains</b>
KOS <sub>Large</sub> vs. KOS <sub>Syncytial</sub> vs. KOS <sub>Hypersyncytial</sub>	17	RL2, RS1, UL5, UL7, UL8, UL9, UL13, UL19, UL21, UL22, UL23, UL27, UL29, UL36, UL52, US8A, US10
F <sub>Large</sub> vs. F <sub>Syncytial</sub>	15	RL1, RL2, RS1, UL9, UL10, UL27, UL29, UL35, UL36, UL37, UL38, UL39, UL44, US3, US11
H166 vs. H166 <sub>Syncytial</sub>	63	RL1, RL2, RS1, UL1, UL2, UL5, UL6, UL8, UL9, UL10, UL11, UL12, UL13, UL14, UL15, UL16, UL17, UL18, UL19, UL20, UL21, UL22, UL23, UL24, UL25, UL26, UL26.5, UL27, UL29, UL30, UL32, UL34, UL36, UL37, UL38, UL39, UL3, UL40, UL41, UL42, UL43, UL44, UL46, UL47, UL48, UL49, UL51, UL52, UL53, UL56, US1, US2, US3, US4, US5, US6, US7, US8, US8A, US9, US10, US11, US12
McKrae (JX142173 & JQ730035)*	27	RL1, RS1, RL2, UL3, UL5, UL6, UL7, UL17, UL23, UL25, UL29, UL30, UL32, UL36, UL37, UL38, UL42, UL50, UL54, UL55, UL56, US8, US3, US2, US7, US10, US11

\* Data drawn from references (1, 2).

**References**

1. **Watson G, Xu W, Reed a, Babra B, Putman T, Wick E, Wechsler SL, Rohrmann GF, Jin L.** 2012. Sequence and comparative analysis of the genome of HSV-1 strain McKrae. *Virology* **433**:528–37.
2. **Macdonald SJ, Mostafa HH, Morrison L a, Davido DJ.** 2012. Genome sequence of herpes simplex virus 1 strain McKrae. *J. Virol.* **86**:9540–9541.