Supplementary Figure S2. Amino acid sequence alignment of the E6 and E7 proteins of HPV16 and HPV18. The amino acids that were mutated in HPV16 E6 and E7 are highlighted and are conserved in HPV18 E6 and E7.

HPV16 E6 (AYV61474); 158 aa
MHQKRTAMFDPQRPDKLPLQCELTEQTTHIDDIILECVQCKQLRREVYDFAFRDLTIVYRGDNYAVCDKCLKYSKISEYRHICYSVYGGTLEQQYNNKFLDDLRLRCCNQKPLCPE
EQRHLDKQRFNHIIRGWTGRCMCCRSSRRTREQLT

HPV18 E6 (ATL15239); 158 aa
MARFEDTPRPYKLPDCELNTSLQDIETCVKTVLTELTVFEFAPKDLFVVYRDSI PHAACKCIDFSYRRELHYSYVSVDLTKLNTQGLYLILRLRCQKPLNPAEKRLH LNRKRFNHAGHRGQHCSCNRARQERLQRRRTEQV

HPV16 E7 (AYV61475); 98 aa
MHGDTPTLHENVDLQPTTDLVYCETQLNDSSEEEEIDGPAQAEPDRAHYNIYVTFCCK CDSTLRCLVQSTVHDRTLEDLLMGTGLGVCPCSQKP

HPV18 E7 (ATL15240); 105 aa
MHGPKATQDIVHLFQNEIPVDDLCHQELQDSEEEENDEIGVNHVQLPARRAPEQRHT LLCMCKCCEARIELVVESSADDLRAFQLFTNLTLFVCPCASQKP

HPV16 E7 MHGDTPTLHENVDLQPTTDLVYCETQLNDSSEEEEIDGPAQAEPDRAHYNIYVTFCCK CDSTLRCLVQSTVHDRTLEDLLMGTGLGVCPCSQKP

HPV18 E7 MHGPKATQDIVHLFQNEIPVDDLCHQELQDSEEEENDEIGVNHVQLPARRAPEQRHT LLCMCKCCEARIELVVESSADDLRAFQLFTNLTLFVCPCASQKP