

Supplemental Table S1. Non-template strand sequences inserted into the p2luc and puc19 vectors are shown.

Vector	Construct	Non-template strand insert sequence (5' – 3'). Restriction sites are underlined.
p2luc	WT [†] experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC CGGGCCAGGAAATAAC <u>GAGCTC</u>
p2luc	WT control	<u>GGATCCTTTCAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC CGGGCCAGGAAATAAC <u>GAGCTC</u>
p2luc	ΔPK1 experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC <u>CGAGCTC</u>
p2luc	ΔPK1 control	<u>GGATCCTTTCAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC <u>CAGAGCTC</u>
p2luc	ΔPK2 experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTAC <u>GA</u> <u>GCTC</u>
p2luc	ΔPK2 control	<u>GGATCCTTTCAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTAC <u>AG</u> <u>AGCTC</u>
p2luc	ΔPK3 experimental	<u>GGATCCTTTAAACCAGAACATAACGAGCTC</u>
p2luc	ΔPK3 control	<u>GGATCCTTTCAACCAGAACATAACAGAGCTC</u>
p2luc	PKM1 experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAG GCCTGGTCCAAATAAC <u>GAGCTC</u>
p2luc	PKM1 control	<u>GGATCCTTTCAACCAGAACGCCTCCAGGCCTTGCAACACTTG</u> GTCCGGAAGGCCCTGGAGGCAGGCCATATCGAACCTACAG GCCTGGTCCAAATAAC <u>GAGCTC</u>
p2luc	PKM2 experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACAGGAC</u> CGGGCCAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC CGGGCCAGGAAATAAC <u>GAGCTC</u>
p2luc	PKM2 control	<u>GGATCCTTTCAACCAGAACGCCTCCAGGCCTTGCAACAGGAC</u> CGGGCCAAGGCCCTGGAGGCAGGCCATATCGAACCTACAC CGGGCCAGGAAATAAC <u>GAGCTC</u>
p2luc	PKM3 experimental	<u>GGATCCTTTAAACCAGAACGCCTCCAGGCCTTGCAACAGGAC</u> CGGGCCAAGGCCCTGGAGGCAGGCCATATCGAACCTACAG GCCTGGTCCAAATAAC <u>GAGCTC</u>

Vector	Construct	Non-template strand insert sequence (5' – 3'). Restriction sites are underlined.
p2luc	PKM3 control	<u>GGATCC</u> CTTCAACCAGAACGCCTCCAGGCCTTGCAACAGGAC CGGGCCAAGGCCCTGGAGGCAGGCCATATCGAACCTACAG GCCTGGTCCAAATAACAGAGCTC
Out-of-frame background control	Experimental	<u>GGATCC</u> CTTCAACCAGAACATAACGAGCTC
puc19	WT	<u>GAATTC</u> TTCTAATACGACTCACTATAGGGAATCAGCCAGTTCC CTTTAAACCAGAACGCCTCCAGGCCTTGCAACACTTGGTCCG GAAGGCCCTGGAGGCAGGCCATATCGAACCTACACCGGGC CAGGAAATAACCCAGTATTCCCAGTTAAAAAAGCCAATGGAAC CTGGCAGAGACCGGATCC
puc19	PKM3	<u>GAATTC</u> TTCTAATACGACTCACTATAGGGTGGGCTAGAACACC TCCCAAGGCCCCCGAAATCAGCCAGTTCCCTTTAAACCAGA ACGCCTCCAGGCCTTGCAACAGGACCGGGCCAAGGCCCTGG AGGCAGGCCATATCGAACCTACAGGCCTGGTCCAAATAACC CAGTATTCCCAGTTAAAAAAGCCAATGGAACCTGGCGATTCAT CCACGACCTGCGGGCCACTAACTCTCTAACCATAGATCAGAG ACCGGATCC
†The WT HTLV-1 sequence was derived from NCBI Reference Sequence NC_001436.1, which is the complete genome sequence of the Human T-lymphotropic virus 1.		