

<b>Primer name</b>	<b>Primer sequence</b>
<i>GRN</i> fwd	TGGACCCTGGTGAGCTGG
<i>GRN</i> rev	CAGCAGCTGTCTCAAGGCTGGG
NcoI <i>GRN</i> fwd	AATTCACCATGGCATGGACCCTGGTGAGCTGG
NotI <i>GRN</i> rev	CTCGCGGCCGCTTATCACAGCAGCTGTCTCAAGGCTGGG
XhoI EphA2 fwd	GTAACTCGAGATGGAGCTCCAGGC
BamHI EphA2 rev	GATGGGGATCCCCACAGTGTTACCTGGTCC
EphA2 K646M fwd	CCGGTGGCCATCATGACGCTGAAAGCC
EphA2 K646M rev	GGCTTTCAGCGTCATGATGGCCACCGG
EphA2 S897A/S899A/S901A fwd	CTATCCGGCTCCCCGCCACGGCCGCGCCGAGGGGGTGCC
EphA2 Ser cluster rev	GGGGAGCCGGATAGACACGCG
RYK fwd	CAACTCCTATCACCAGCTCCTT
RYK rev	TTGGCCTCCAAAAGAGTGACA
$\beta$ -actin fwd	CAGGGCGTGATGGTGGGC
$\beta$ -actin rev	CTCGGTCAGCAGCACGG

**Supplementary Table 1. Nucleotide sequence of the primers used in the study.**