

**Gouttefangeas\_SuppTable 2 Primers used in the study.**

<b>Specificity</b>	<b>Sequence (5' – 3')</b>	<b>Experiment</b>
for all Hydin transcripts –for	CAACATGGCCCAGGATTACG	RT-PCR
for all Hydin transcripts –rev	GCAGGGAGTGTACATAGC	RT-PCR
Chr. 1q21.1 –for	GCAACAACATCCCAGGGATC	RT-PCR
Chr. 16q22.2 located inside exons missing in Chr. 1q21.1 -for	CGCTGGCTCAGTGTTAGTCC	RT-PCR
flanking exons missing in Chr. 1q21.1 –rev	CCTGGGCCATGTTGAGAATG	RT-PCR
β-Actin –for	GGCATCCTGACCCTGAAGT	RT-PCR
β-Actin –rev	CGGATGTCAACGTCACACTT	RT-PCR
β-Actin (2) –for	GCTACGAGCTGCCTGACGG	Real-time RT-PCR
β-Actin (2) –rev	GATGGAGTTGAAGGTAGTTTCG	Real-time RT-PCR
KIAA1864 –for	CGGAATTCGGTCCAGAACATCCTCATGTAC	Generation of expression constructs
KIAA1864 –rev	ACCTCGAGTTAGATCTCATATTTCCCACGGTTC	Generation of expression constructs
Hydin Transcript variant 2 (NM_017558) -rev	ATAGAGCTCGACAAGTAGAAGACTTGAGGA	Generation of expression constructs

<b>Specificity</b>	<b>Sequence (5' – 3')</b>	<b>Experiment</b>
Hydin Transcript variant 2 (NM_017558) –for	AGCCTCGAGCAATAGCTTCCAAATGTGCTAT	Generation of expression constructs
MO-TES391 Fragment I -for	AACCAATTGCCATCACCATCACCATCACCTGG GGCCACTGCTACTTTG	Generation of expression constructs, Fragment I MO-TES391
MO-TES391 Fragment I -rev	AGCCTCGAGCCTGGGCAGCCTCCTCTC	Generation of expression constructs, Fragment I MO-TES391
MO-TES391 Fragment II -for	AACCAATTGCCATCACCATCACCATCACATAGA GCAGTCCGTGAAGGAA	Generation of expression constructs, Fragments II MO-TES391
MO-TES391 Fragment II -rev	AGCCTCGAGCTCCTCGGTAGCAGTCACTC	Generation of expression constructs, Fragments II MO-TES391
MO-TES391 Fragment III -for	AACCAATTGCCATCACCATCACCATCACCTCCC GGATGAACTTCTCG	Generation of expression constructs, Fragments III MO-TES391
MO-TES391 Fragment III -rev	TAATACGACTCACTATAGGG	Generation of expression constructs, Fragments III MO-TES391
Real-time PCR Primer MO-TES391 –for	CAACATCCCAGGGATCCG	Real-time PCR
Real-time PCR Primer MO-TES391 –rev	GGTGTCAGTGCTCAGTCGTC	Real-time PCR
Real-time PCR Primer KIAA1864 - for	GCTCTACTGCCGAGGCATC	Real-time PCR Primer KIAA1864
Real-time PCR Primer KIAA1864 - rev	CCAAAGTAGTACGTCTCCGTG	Real-time PCR Primer KIAA1864
pIRESpuro2KIAA1864 -for	AGCTAGCATGGTCCAGAACATCCTCATGTACT GGGACCGGAAGCAAGGAGTCC	Generation of expression constructs for KA2 transfectants
pIRESpuro2KIAA1864 -rev	AGCGGCCGCTCATTAGATCTCATATTTCCAC GGTTCTTCAATTGCAGGGGCTGC	Generation of expression constructs for KA2 transfectants

<b>Specificity</b>	<b>Sequence (5' – 3')</b>	<b>Experiment</b>
pEGFP-KIAA1864 -for	GAT <u>CTCGAG</u> ATGTCTCCAGTCTCCACAACACC C	Generation of expression constructs for HCT116 transfectants
pEGFP-KIAA1864 -rev	GTAC <u>CGCGG</u> TCTAAATGCAATCTCATATTTCCC ACGGTTCTT	Generation of expression constructs for HCT116 transfectants
MO-TES391 -for	ACGCCCTGTTGGTCGAGTC	Sequencing, RT-PCR
MO-TES391 -rev	AGTCACTCAGCTGTATCCG	Sequencing, RT-PCR
KIAA1864 -for	ATCCCGCCTCCCGCCTTAT	Sequencing, RT-PCR
KIAA1864 -rev	GGCTCTGGGTTGTCATTGA	Sequencing, RT-PCR