

**SUPPLEMENTARY MATERIAL**

**corresponding to:**

**Early embryonic lethality in gene trap mice  
with disruption of the *Arfgef2* gene**

PAWEL GRZMIL, ZANABAZAR ENKHBAATAR, BATJARGAL GUNDSAMBUU, ODGEREL OIDOVSAMBUU,  
SAFAK YALCIN, STEPHAN WOLF, WOLFGANG ENGEL and JÜRGEN NEESEN

## SUPPLEMENTARY TABLE 1

<b>A:</b>	
LacF	5' TTGGCGTAAGTGAAGCGAC
LacR	5' GGGGCAAGTGTGGAGGGTGGTGT
LacRn	5' CACAACGGGTTCTGTTAGTCCCAA
L16F	5' CTGCCTCTGTTACATGACTGATAATGC
L16R	5' AGAGGACAACTTTATGTTTGCTCAGC
L16Fnest	5' GGTAGTGTCTCCTGCTAGGCCAC
L16Rnest	5' GGTAGTGTCTTCTGCTAGGCCAC
<b>B:</b>	
GSP1	5' CAAAAGACGGCAATATGGTGG
GSP2	5' AACGCACACCGCCTTATTC
GSP3	5' GCTGCTCTGCAGGTACCTGTTGG
<b>C:</b>	
RTFP	5' AGAAGCTCCCCGAGAGAGAG
RTRP	5' CTGCTTAATGGCAGTGACGA
PRODUCT SIZE: 520	
<b>D:</b>	
<u>Pair no.1</u> (exons 1-7)	
L16[1-6]-F	5' CCATGCAGGAAAGCCAGAC 3'
L16[1-6]-R	5' ACCACCTCCTGAGCTCCACT 3'
PRODUCT SIZE: 889	
<u>Pair no.2</u> (exons 5-11)	
L16[6-10]-F	5' CACCCTTACCCAATGCTGA 3'
L16[6-10]-R	5' GTGGATGTTTCTAAAATGTTCCAGG 3'
PRODUCT SIZE: 939	
<u>Pair no.3</u> (exons 9-15)	
L16[10-14]-F	5' TGTGCAAGCTGTCCATGAAG 3'
L16[10-14]-R	5' CTCGCTTGGGCTTCTTATTG 3'
PRODUCT SIZE: 840	
<u>Pair no.4</u> (exons 13-19)	
L16[14-18]-F	5' TATGTGAATCCCAACCACCA 3'
L16[14-18]-R	5' TAGCCATCTGCTCCATCTCC 3'
PRODUCT SIZE: 850	
<u>Pair no.5</u> (exons 17-23)	
L16[18-22]-F	5' CATCATGCTGACCACAGACC 3'
L16[18-22]-R	5' AGCTGGCCATCTGTCTTTTG 3'
PRODUCT SIZE: 839	
<u>Pair no.6</u> (exons 21-28)	
L16[22-27]-F	5' ATGGCAACTACCTTGGCAAC 3'
L16[22-27]-R	5' AAGTGGTGTGGAAGATGGT 3'
PRODUCT SIZE: 838	
<u>Pair no.7</u> (exons 26-32)	
L16[27-31]-F	5' GGATTTTCTGAGGCCATTTG 3'
L16[27-31]-R	5' GTACCTGATCGGGCCAAC 3'
PRODUCT SIZE: 801	
<u>Pair no.8</u> (exons 31-36)	
L16[31-36]-F	5' TGAAACTCCCTGAGCAACAG 3'
L16[31-36]-R	5' AAGATTGGGTTTGGACTTGC 3'
PRODUCT SIZE: 800	
<u>Pair no.9</u> (exons 35-40)	
L16[36-39]-F	5' AAGGAGGATGCGGAGCAC 3'
L16[36-39]-R	5' GCATGGCGGATGTTCTACAG 3'
PRODUCT SIZE: 684	
<b>E:</b>	
L16polAGCTFp	5' ATTGGCCTGCAGAACTGTGATG 3'
L16polAGCTRP	5' AGCTGGCTGATGCACCTCAAGA 3'
PRODUCT SIZE: 373	