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# AmpliSeq_Version=4.48
# Genome=hg19
# Workflow=RNA
# Total_Amplicons=140
# Total_Requested_Targets=140

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Name	Gene_Symbol	Ion_AmpliSeq_Fwd_Primer*
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ABCC9	ABCC9	TCCTAATCTATGGGCTATGCCTGTT
ACTC1	ACTC1	CCATCTATGAGGGCTACGCTTTG
ACTN2	ACTN2	GGATATGTAAGGTTCTTGCTGTGAATCA
ADRB1	ADRB1	GCCTCGGAATCCAAGGTGT
AGK	AGK	CCCCTGTACAAAGGCCTTCT
ALPL	ALPL	GCTTGACCTCCTCGGAAGAC
ALPL	ALPL	GCTTGACCTCCTCGGAAGAC
ALPL	ALPL	GCTTGACCTCCTCGGAAGAC
ARHGEF15	ARHGEF15	CCTCAAGCCTCCCAAACCAA
ARHGEF15	ARHGEF15	CCTCAAGCCTCCCAAACCAA
BMAL1	ARNTL	ACTTCCCCTCTACCTGCTCAA
BMAL1	ARNTL	ACTTCCCCTCTACCTGCTCAA
BMAL1	ARNTL	ACTTCCCCTCTACCTGCTCAA
BMAL2	ARNTL2	CCCGGTTTGCAGTGAATGG
BMAL2	ARNTL2	CCCGGTTTGCAGTGAATGG
BMAL2	ARNTL2	CCCGGTTTGCAGTGAATGG
BMAL2	ARNTL2	CCCGGTTTGCAGTGAATGG
BMAL2	ARNTL2	CCCGGTTTGCAGTGAATGG
SERCA2	ATP2A2	CCGCTGTTTTGCTCGAGTT
SERCA2	ATP2A2	CCGCTGTTTTGCTCGAGTT
ATP6V1B2	ATP6V1B2	CGCCAGGCTGGTTTGGTAA
ATRN1	ATRN1	GCTGGTCCAGGGATAAAAATGTGTTT
BAG3	BAG3	CATCCCGTTCAGGTCATCT
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	.
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	.
BCL2L13	BCL2L13	.
BCL2L13	BCL2L13	.
BCL2L13	BCL2L13	GGACTATTCGGCAGAGTACATCATT
BCL2L13	BCL2L13	.
BCL2L13	BCL2L13	.
BDH1	BDH1	CACAGGCTGTGACTCTGGATT
BDH1	BDH1	CACAGGCTGTGACTCTGGATT
BDH1	BDH1	CACAGGCTGTGACTCTGGATT

EDN1	EDN1	CTTCTGCCACCTGGACATCA
EDN1	EDN1	CTTCTGCCACCTGGACATCA
ERCC4	ERCC4	TGCAGATGTTTCCACTGACACT
ERF	ERF	GGAATTCGTCATCAAAGACCCTGA
FGF4	FGF4	AGCAAGGGCAAGCTCTATGG
FPGT	FPGT	AACAGCGGCTGATGAAAAACA
FPGT	FPGT	AACAGCGGCTGATGAAAAACA
FPGT	FPGT	AACAGCGGCTGATGAAAAACA
GLS	GLS	CATGTATGACTTCTCAGGGCAGTTT
GLS	GLS	CATGTATGACTTCTCAGGGCAGTTT
HIF1AN	HIF1AN	TGAATCCCAGTTGCGCAGTTAT
HK2	HK2	GAAGGTGGAGATGGAGAATCAGATCTA
IL-1B	IL1B	CCTGTCCTGCGTGTGAAAGA
IL6	IL6	AGTACCTCCAGAACAGATTTGAGAGT
IL-8	IL8	CTCTTGGCAGCCTTCCTGAT
IRF2	IRF2	GATAGTGTGCCAGCGATGA
JUN	JUN	GGTTGACTGGTAGCAGATAAGTGTTG
JUP	JUP	TCAAGTCGGCCATTGTGCAT
JUP	JUP	TCAAGTCGGCCATTGTGCAT
Kv4.2	KCND2	CCATCGTCACCATGACAACACT
KCHIP2	KCNIP2	AATGCTTGACATCATGAAGTCCATCT
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KCHIP2	KCNIP2	AATGCTTGACATCATGAAGTCCATCT
KCHIP2	KCNIP2	AATGCTTGACATCATGAAGTCCATCT
KLF4	KLF4	AAAACCTACACAAAGAGTTCCCATCT
LAMP2	LAMP2	GGACCTGGCTTTTCCTGGATT
LAMP2	LAMP2	GGACCTGGCTTTTCCTGGATT
LAMP2	LAMP2	GGACCTGGCTTTTCCTGGATT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LDB3	LDB3	GACTTCAACATGCCCCTCACT
LEMD3	LEMD3	GCGATTCCTTAATACAGCCTCATGAC
LEMD3	LEMD3	GCGATTCCTTAATACAGCCTCATGAC
LIN28A	LIN28A	GTCAGCCAAGGGTCTGGAAT
MAGEE1	MAGEE1	GAGAGCCCCAACTCCATTAGTATTATG
ME2	ME2	TGTGGATAACTGGCCAGAAAATCAT
ME2	ME2	TGTGGATAACTGGCCAGAAAATCAT
MSX2	MSX2	CTGGTGAAGCCCTTCGAGA
MYBPC3	MYBPC3	CGGGCTACACTGCTATGCT
MYH6	MYH6	GCCCAACGCTCCCTCAAT
MYH7	MYH7	CCAGGCCTTTTGACCTCAAGA

MYL2	MYL2	CCAGAACAGGGATGGCTTCAT
MYL3	MYL3	AGGCACCTATGAGGACTTCGT
MYLK	MYLK	CGATTTAGAAGTTGTGGAGGGAAGTG
MYLK	MYLK	CGATTTAGAAGTTGTGGAGGGAAGTG
MYLK	MYLK	CGATTTAGAAGTTGTGGAGGGAAGTG
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MYLK	MYLK	CGATTTAGAAGTTGTGGAGGGAAGTG
MYLK	MYLK	CGATTTAGAAGTTGTGGAGGGAAGTG
MYOZ2	MYOZ2	CCGTGGTGCCAGGCTATT
NANOG	NANOG	ACCCAGCTGTGTGTACTCAATG
NF-kB1	NFKB1	TGCACCTAGCTGCCAAAGAA
NF-kB1	NFKB1	TGCACCTAGCTGCCAAAGAA
NF-kB2	NFKB2	GCATCAAACCTGAAGATTTCTCGAAT
NF-kB2	NFKB2	GCATCAAACCTGAAGATTTCTCGAAT
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NF-kB2	NFKB2	GCATCAAACCTGAAGATTTCTCGAAT
nNOS	NOS1	CACGCTTCCTCAAGGTCAAGA
nNOS	NOS1	CACGCTTCCTCAAGGTCAAGA
nNOS	NOS1	CACGCTTCCTCAAGGTCAAGA
nNOS	NOS1	CACGCTTCCTCAAGGTCAAGA
iNOS	NOS2	TCTCGGCCACCTTTGATGAG
eNOS	NOS3	CACCTCGTCCCTGTGGAAA
eNOS	NOS3	CACCTCGTCCCTGTGGAAA
eNOS	NOS3	CACCTCGTCCCTGTGGAAA
eNOS	NOS3	CACCTCGTCCCTGTGGAAA
NPAS2	NPAS2	CGTGTTGCTACCGTTTCTGA
NPPA	NPPA	CCGTGAGCTTCCTCCTTTACT
NPPB	NPPB	ACGAAGCCCCAAGATGGTG
NUFIP2	NUFIP2	CCGCTGAAACATGAGCAGAAA
PABPC1L	PABPC1L	GGCTTTATATGATACCTTCTCCACCTTT
PCDHB15	PCDHB15	CAATGCCCCGGAGTTTGTG
PDIA6	PDIA6	GCGGAGGATACAGTTCTGGAAAA
PDK4	PDK4	CCGAGAGGTGGAGCATTCT
PER1	PER1	TGAGTCTAGAGGCGCATCTCA
PER2	PER2	CTCCTAAACCTCCTGCTGAATGA
PER3	PER3	CGCTTCAGAACACACTTCCAAAA
PHF2	PHF2	TGAGTGTGCCCAACAAAGATGT
PIK3R1	PIK3R1	GAAGAAGCAGGCAGCTGAGTAT
PIK3R1	PIK3R1	GAAGAAGCAGGCAGCTGAGTAT
PIK3R1	PIK3R1	GAAGAAGCAGGCAGCTGAGTAT
PIK3R1	PIK3R1	GAAGAAGCAGGCAGCTGAGTAT
PKP2	PKP2	ACCCGAAAGATGCTGCATGTT
PKP2	PKP2	ACCCGAAAGATGCTGCATGTT
PLEKHA3	PLEKHA3	CATTCTGGAGAGCAGCATTCT
PLN	PLN	GCAACTGTTCCATAAACTGGGT
POU5F1	POU5F1	AGAGGCAACCTGGAGAATTTGTT
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POU5F1	POU5F1	AGAGGCAACCTGGAGAATTTGTT
PPIC	PPIC	CGGCGCACTTGTGTTTTCTT
PPM1D	PPM1D	ACGACCTCGACTCACTCACA
PRKAG2	PRKAG2	CGGCTGGTGGTGGTAAATGA
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PRKCB	PRKCB	TGCTTATCAGCCCTATGGGAAGT
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PRPF38B	PRPF38B	GACATGTTGAACGCAGACGTT
PRPF38B	PRPF38B	GACATGTTGAACGCAGACGTT
RAP2B	RAP2B	CATGATCCTGGTGGGCAACA
RFXAP	RFXAP	GGATCGTCCTGCAAGACCTAC
ROBO4	ROBO4	GCTGGAAATCGCCACCCATAT
RPS18	RPS18	CAGTACAAGATCCCAGACTGGTT
RPS7	RPS7	CCTTCGGACGCCGATTTT
RYR2	RYR2	TGAACTCAGAGCACATGAACACA
SGCD	SGCD	GGCGGAAACGATGCCTGTAT
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SLC25A4	SLC25A4	GGGCTCTACCAGGGTTTCAA
GLUT4	SLC2A4	TTTCTCCAACCTGGACGAGCAA
NHEDC2	SLC9B2	GGCAACTGGATCTGTTCTTGATT
SMAD2	SMAD2	GAAATGCCACGGTAGAAATGACAA
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SOAT1	SOAT1	GAACTCCACGTCATACTCCAAC
SOD1	SOD1	GCGTGGCCTAGCGAGTTA
SOX2	SOX2	AAACTTTTGTGCGGAGACGGAGAA
SPCS3	SPCS3	CCGAAGCTGCTGCTGAAAGA
SPINT2	SPINT2	TCTGAAGACCACTCCAGCGATA
SPINT2	SPINT2	TCTGAAGACCACTCCAGCGATA
STARD3	STARD3	GGCTTCATCGTGCTCAAGTC
STARD3	STARD3	GGCTTCATCGTGCTCAAGTC
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STAT3	STAT3	CCAATTGGAACCTGGGATCAAGT
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STAT3	STAT3	CCAATTGGAACCTGGGATCAAGT
TAZ	TAZ	ACAGGGAGGTGCTGTACGA

VEGF	VEGFA	CATCCTGTGTGCCCCTGAT
VEGF	VEGFA	CATCCTGTGTGCCCCTGAT
VEGF	VEGFA	CATCCTGTGTGCCCCTGAT
VEGF	VEGFA	CATCCTGTGTGCCCCTGAT
VTN	VTN	CAAGGCCTGAGACCCTTCAT
WDR44	WDR44	GCGGCACAGTCAGATGATGA
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WDR44	WDR44	GCGGCACAGTCAGATGATGA
WEE1	WEE1	GCTGTCCGCTTCTAGAAAGAGT
WEE1	WEE1	GCTGTCCGCTTCTAGAAAGAGT
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XPNPEP3	XPNPEP3	TTGCGTTCCCCGTCGTTA
ZNF704	ZNF704	AAGAAAACACTCGCTCCATCTGT

Ion_AmpliSeq_Rev_Primer*
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