

Forward PCR Primer

U148

U150

U151

U152

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U256

SPI-1U  
SPI-2U  
SPI-3U  
SPI-4U  
SPI-5U  
SPI-6U  
SPI-7U  
SPI-8U  
SPI-9U  
SPI-10U  
SPI-11U  
SPI-12U

Sequence (5'->3')

ATGCGCGCTGAGATCCACCATTACAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGGATATACAGCCACAGCAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATATTCAGACCAGCGCAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCATACAGCGTCAGACAGATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCGCGATCTGATAAGTGTTCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCTACGAGACGCATTATCACGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCATATACTATCACGCAGACGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCATCTCGATTAAGTCAGACGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATACAGCCTGGCACAGTCTGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCACGATTGTGTAAGAGTCTGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGCAACAAGAGATACGTCTGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGACGGCACTTGCACATCATGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGGGTCATCACGGCTCATCATGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATATTGTCTCACGCGCGCTGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCACATCAGTTGCAGTGGCGCTGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCGAATATCAAACCTTGCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGGGCACTACAATAATCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCTACAGTGAATCCATCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCTCCAGAGACATATTGAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGCCGCCGAACAGCAATAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCTTGCAGGTAAGGCATAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCCGCGATACCAATTCATAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCACGTCAGCAACGCAGATAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCTAGCACGCAATTCAGATAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCGTTGATAGCAAGCGAGATAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGCAGTAAGCTCAATCACACGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGCGACAGAGAAGCTCACACGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCAACATGCTCGAATCGCAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATAATCAGCGGAATCAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGATCGTAACAGCTCAGGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCAGCCACTACTAAGTCAGATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCACTAACTTCACAGAGATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCCGCCATAGTAATAGAGATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCTTGAGCATAATCGAGATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCACACGCTGTGAACCTGTCTCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGGACACTATACAGCATTCTCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCATTAGTGACCAGCGAGACGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTATAGTCACGCAGCACGACGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCAACTACGATGCAGAGACTGGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATTGCTGCTACACCGACTGGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCAGATAGCACAAATCGGCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTTCCTGGCAAGCAATAGAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCTGCTGATAAAGTACGAGAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCATTCTACCAAGCTGCATAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCAAGGTGGACCAAGTGCATAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTGCAACTGGCTTCAATTCGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCTGCACTAAGATTATTCGCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCCACTGGATACAGATTTCATCGAGCTCCATTGAGTGTGTTTAC

ATGCGCGCCGACTACAGGCATATTCATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCGCTCGATATAACTTCATCGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGAGTACGCTCCATAGCTCTGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTATTAGCTGCCAGGGCTCTGGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCAGTCACAAGATAGTGCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATCATTGTGCGCAGGGTGCATGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCATCACTGTAGTCACGTAGCTGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCTCATTGCTGGCAGTGTAGCTGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCAGTGCAGTCGGCCATTAGCTGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGCCAGATTGAAACACTGCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCGAGAGAGTCAACAACCTGCCAGAGCTCCATTGAGTGTGTTTAC  
ATGCGCGCCCAGCATTGAAATTCTGCCAGAGCTCCATTGAGTGTGTTTAC

Corresponding 5' Barcode	Reverse PCR Primer
for20.148	D145
for20.150	D147
for20.151	D156
for20.152	D160
for20.162	D165
for20.164	D171
for20.166	D175
for20.167	D177
for20.172	D181
for20.173	D185
for20.174	D195
for20.178	D196
for20.179	D199
for20.182	D202
for20.183	D206
for20.184	D212
for20.186	D213
for20.187	D219
for20.188	D221
for20.189	D224
for20.190	D227
for20.191	D228
for20.192	D243
for20.193	D244
for20.194	D245
for20.197	D248
for20.198	D254
for20.204	D259
for20.205	D261
for20.207	D264
for20.208	D265
for20.209	D266
for20.210	D269
for20.211	D271
for20.214	D145d
for20.215	D148d
for20.220	D150d
for20.223	D152d
for20.225	D160d
for20.226	D171d
for20.241	D172d
for20.246	D174d
for20.247	D175d
for20.249	D177d
for20.250	D178d
for20.253	D179d
for20.255	D182d
for20.256	D184d

SPI-1D  
SPI-2D  
SPI-3D  
SPI-4D  
SPI-5D  
SPI-6D  
SPI-7D  
SPI-8D  
SPI-9D  
SPI-10D  
SPI-11D  
SPI-12D

Sequence (5'->3')

TAGGGCCCGGCATGGATGTGCTCCCTAATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGGCATCACTGGTTACGTCTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGAGACGCTTCCATCACATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGAAAGGTTATGCCACATGCTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTGAGCATGAGTGCCTCTATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCATAACATTACAGAGAGTGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCAGACGGTGCGCCATGAATATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCATGCAAACGCTCCTCATGTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAGCGGCTCTCGCATCAGAATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTGGATTCATTTGCCGCATGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTATCTCAGTTGCTCGCATGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTGTGCATTGAGTCTATGACTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTGTGACATTCTGCTATCGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGGCAGCTTGAGACGCATTCTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGCTGATATTCATTACAGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGAGACAGCTCTTCCGAACATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGAGACACTTATGGCTCATGTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCTTGAGGCGCGTGTCCATATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTCTCATGCCTGCGTATAGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCATAATGCGCGTGCAGGAAATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCAGTCAGTGCGGTCATCATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCAGACGCATGGTCAGACGTATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTGGCATCGTTTACCTGCTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTGGCATATTGTGATCTCGGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTCTCTCATTGTAGTGGGCGATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTATGCCATTGCTGTGATGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGCAATGCTTCCCTAACCATGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGATGAACATGCGTTACTCTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGAGAGCCATTCAGTCATCTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCATCTAGTCTACTCTGAAGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCATCGGTGCTCCAGAATAGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCCATCGAATCGTCTATCAGTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCAGAGCGGTGCATAGCCTAATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCAGAGCCATGCTACATCGTTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCATCTGAGAGCTAGTCGGCATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAGCAGGCATGGAAGCCACTATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAAGAACGCTCGCATCACTGATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAACTGAACGCACGTCACATGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTGCTCATGTTTGCCTAACGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTGCCATTGCATCTCTGTGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGTGCCATATCTGTGGTGCATTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGGAATAGCTTCATCTGCTGTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGGAAGTTATTCACCATGCTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGCCATGATTCGACTGGATTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGCCATGAATTAGAATGCGTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGCCATAGCTTCGACACGATTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGATACTAATTCAGCATCGGGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCCGATACGCCTTAGTAGTCATGTTACTAAAATGAGTCAAGCCAACG

TAGGGCCCATGCACGATCCTCTACATTGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAGCAGTAATGACAGCGTGCATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCAACTGTATCACCAGCTCAAGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTTGCTTTCTTGCACGGCCAGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTCGCCTGATTTATATCCAGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTCGCCGCTTGTCGAGCTATTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTCGCCCTGTGTTGGCTATGATTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTATAGACTTGGCTGATAGGCTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCTATAGAAATTGCAGCTCGCGTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGTGCCAGTTGATCCACTCTTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGATACTCGTTCAGCACGTCTTTACTAAAATGAGTCAAGCCAACG  
TAGGGCCCGATACGCTTATGGCTGGCTCTTACTAAAATGAGTCAAGCCAACG



Corresponding 3' Barcode

for20.145  
for20.147  
for20.156  
for20.160  
for20.165  
for20.171  
for20.175  
for20.177  
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D184

