

cqr-miR-100-3p

sha-miR-100  
ipu-miR-100  
ccuguugccacaacacmgaagga0ccgaacuugugugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....aaccCGuagaucCGaacu.....	5	0	F03
.....aaccCGuagaucCGaacuu.....	7	0	F03
.....aaccCGuagaucCGaacuC.....	1	1	F03
.....aACgUagaucCGaacuug.....	1	1	F03
.....aaccCGuagaucCGaacuuU.....	1	1	F03
.....aACUgUagaucCGaacuug.....	1	1	F03
.....aaccCGUGgUaucCGaacuug.....	1	1	F03
.....aaccCGuagaucCGaacuuA.....	3	1	F03
.....aaccCGuagaucCGaacuug.....	85	0	F03
.....aaccCGuagaucCGaacuugA.....	2	1	F03
.....aaccCGuagaucCGaacuAgu.....	1	1	F03
.....aaccCGuagauUCgUaacuugu.....	1	1	F03
.....aaccCGuagaucCGaacuugu.....	109	0	F03
.....aaccCGuagaCCgUaacuugu.....	1	1	F03
.....GaccCGuagaucCGaacuugu.....	6	1	F03
.....aaccCGAgaucCGaacuugu.....	1	1	F03
.....aaccCGUGgUaucCGaacuugu.....	1	1	F03
.....aaccCGuagaucCGaacuCgu.....	1	1	F03
.....aaccCGuagaucCGaacuugC.....	42	1	F03

sha-miR-100  
ipu-miR-100  
ccugugccacaacacmgaagga0ccgaacuuguggugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....aaccAaagauccgaacuugu.....	1	1	F03
.....aaccCGaagauccgaacuugG.....	6	1	F03
.....aaccCGaagauccgaacuAgug.....	1	1	F03
.....aaccCGaagauccUaacuugug.....	1	1	F03
.....aaccCGaagauccgaacCugug.....	1	1	F03
.....aaccCGaagauccgaAUuugug.....	1	1	F03
.....aaAccgaagauccgaacuugug.....	1	1	F03
.....aaccCUaagauccgaacuugug.....	1	1	F03
.....aaccCGaagauccgaacuugug.....	107	0	F03
.....GaccCGaagauccgaacuugug.....	1	1	F03
.....aaccCGaagauccgaacuCGug.....	1	1	F03
.....aaccCGaagauccgaacuugCg.....	1	1	F03
.....aaccCGaagauccgaacuuguA.....	10	1	F03
.....aaccCGaagauccgaacuuggg.....	3	0	F03
.....aaccCGaagauccgaacuugugA.....	85	1	F03
.....aaccCGaagauccgaacuugugU.....	112	1	F03
.....aaccCGaagauccgaacuugugC.....	26	1	F03
.....aaccCGaagauccgaacuugugAu.....	8	1	F03
.....accCGaagauccgaacuug.....	1	0	F03

sha-miR-100  
ipu-miR-100  
ccuguugccacaacremgBa@0ccgaacuugugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....GcccguagaucCGAACUUGU.....	1	1	F03
.....accCGUAGAUCCGAACUUGU.....	2	0	F03
.....GcccguagaucCGAACUUGUG.....	1	1	F03
.....accCGUAGAUCCGAACUUGUG.....	3	0	F03
.....accCGUAGAUCCGAACUUGUGA.....	5	1	F03
.....accCGUAGAUCCGAACUUGUGU.....	5	1	F03
.....CaaccCGUAGAUCCGAACUUGU.....	1	1	F02
.....aaccCGUAGAUCCGAACU.....	7	0	F02
.....aaccCGUAGAUCCGAACUU.....	1	0	F02
.....aaccCGUAGAUCCGAACUUA.....	1	1	F02
.....aaccCGUAGAUCCGAGCUUG.....	1	1	F02
.....aaccCGUAGAUCCGAACUUG.....	40	0	F02
.....aaccCGUAGAUCCGAACUUGA.....	5	1	F02
.....aaccCGUGAGAUCCGAACUUGU.....	1	1	F02
.....aaccCGUAGACCGAACUUGU.....	1	1	F02
.....aaccCGUAGAUCCGAGCUUGU.....	2	1	F02
.....aaccCGUAGAUCCGAACUUGC.....	29	1	F02
.....aaccCGUAGAUCCAACUUGU.....	2	1	F02

sha-miR-100  
ipu-miR-100  
ccuguugccacaaacrmgBağ00ccgaacuugugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....GacccguagaucCGaacuugu.....	3	1	F02
.....aaccCGuagaucCGaacuCGu.....	1	1	F02
.....aaccCGuagauACgaacuugu.....	1	1	F02
.....aaccCGuagGuCCgaacuugu.....	2	1	F02
.....aaccCGAGaauCCgaacuugu.....	4	1	F02
.....aaccCGuagaucCGaCcuugu.....	1	1	F02
.....aaccCGuagauUCgaacuugu.....	1	1	F02
.....aaccCGuagaucCGaacuugu.....	272	0	F02
.....aGccCGuagaucCGaacuugu.....	1	1	F02
.....aaccCGuagaucUGaacuugu.....	3	1	F02
.....aaccCGuagaucCGaacuugG.....	5	1	F02
.....aaccCGuaAauCCgaacuugu.....	1	1	F02
.....aacUCguagaucCGaacuugu.....	1	1	F02
.....aacACguagaucCGaacuugu.....	1	1	F02
.....aaGccCGuagaucCGaacuugu.....	1	1	F02
.....aaccCGuaCauCCgaacuugu.....	1	1	F02
.....aaccCGuagaucCGaacuuguC.....	1	1	F02
.....aacUCguagaucCGaacuugug.....	2	1	F02
.....aaccCGuagaucCGaCcuugug.....	1	1	F02

sha-miR-100  
ipu-miR-100  
ccugugccacaacccmgaagga0ccgaacuuguggugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....aaccgguagGuccgaacuugug.....	1	1	F02
.....aaccgguagauccgaacCugug.....	1	1	F02
.....aaccgguacCauccgaacuugug.....	1	1	F02
.....aaccgguagauccgaacuuguA.....	6	1	F02
.....aGcccgguagauccgaacuugug.....	1	1	F02
.....aaccgguagauccgaacuuguU.....	1	1	F02
.....aaccgguagauccgaacuugug.....	120	0	F02
.....aaccgguGgauccgaacuugug.....	1	1	F02
.....aaccgguagauccgaacuugugg.....	3	0	F02
.....aaccgguagauccgaacuugugU.....	285	1	F02
.....aaccgguagauccgaacuugugC.....	40	1	F02
.....aaccgguagauccgaacuugugA.....	134	1	F02
.....aaccgguagauccgaacuuguggA.....	1	1	F02
.....aaccgguagauccgaacuugugAu.....	18	1	F02
.....accgguagauccgaacuug.....	1	0	F02
.....Gcccgguagauccgaacuugu.....	1	1	F02
.....accgguagauccgaacuugC.....	2	1	F02
.....accgguagauccgaacuugu.....	13	0	F02
.....accgguagauccgaacuugug.....	5	0	F02

sha-miR-100  
ipu-miR-100  
ccuguugccacaaacremgBağâ0ccgaacuugugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....acccguagauccgaacuugugC.....	7	1	F02
.....acccguagauccgaacuugugU.....	12	1	F02
.....acccguagauccgaacuugugA.....	1	1	F02
.....acccguagauccgaacuugugAu.....	1	1	F02
.....cguagauccgaacuugugU.....	1	1	F02
.....aaccgguagauccgaacu.....	6	0	F01
.....aaccgguagauccgaacuu.....	3	0	F01
.....aaccgAagauccgaacuug.....	1	1	F01
.....aaccgguagaucUgaacuug.....	1	1	F01
.....aaccgguagauccgaacuug.....	62	0	F01
.....aaccgguagauccgaGcuug.....	1	1	F01
.....aaccgguagauccgaacuuA.....	1	1	F01
.....aaccgguagauccgaacuAg.....	1	1	F01
.....aaccgguagaucAgaacuug.....	1	1	F01
.....aaccgguAaauccgaacuugu.....	1	1	F01
.....aaccgguagauccgaacuCgu.....	1	1	F01
.....aaccgCagauccgaacuugu.....	1	1	F01
.....aGcccguagauccgaacuugu.....	1	1	F01

sha-miR-100  
ipu-miR-100  
ccuguugccacaacacmgaagga0ccgaacuugugguagugcacacaagcuugugucuaauagguaugugucugu  
ame-miR-100  
mml-miR-100-3p  
oan-miR-100-3p  
ssa-miR-100a-5p  
aca-miR-100  
ptr-miR-100  
cgr-miR-100-5p  
mml-miR-100-5p  
fru-miR-100  
ola-miR-100  
sla-miR-100  
mmu-miR-100-3p  
mdo-miR-100-3p  
tni-miR-100  
ppy-miR-100  
rno-miR-100-5p  
mse-miR-100  
lla-miR-100  
age-miR-100  
rno-miR-100-3p  
tch-miR-100-5p  
chi-miR-100-5p  
lgi-miR-100  
bta-miR-100  
cqu-miR-100-5p  
oan-miR-100-5p  
hsa-miR-100-5p  
ssc-miR-100  
ggo-miR-100  
pma-miR-100a-5p  
chi-miR-100-3p  
dre-miR-100-5p  
nvi-miR-100  
bbe-miR-100-5p  
xtr-miR-100  
eca-miR-100  
ssa-miR-100a-2-3p  
sko-miR-100  
gga-miR-100-5p  
pmi-miR-100-5p  
aga-miR-100  
bma-miR-100b  
mdo-miR-100-5p  
bmo-miR-100  
cgr-miR-100-3p  
tgu-miR-100-5p  
aae-miR-100  
mmu-miR-100-5p  
ppa-miR-100

.....aaccCGuagauUcgaacuugu.....	1	1	F01
.....aaccCGuagauccgaacuugG.....	18	1	F01
.....aaccCGuagauAcgaacuugu.....	1	1	F01
.....aaccCGuagauccgaacuugC.....	31	1	F01
.....aaccCGuagGuccgaacuugu.....	1	1	F01
.....aaccCGuagaCccgaacuugu.....	1	1	F01
.....aaccCGuagauccgaacuugu.....	334	0	F01
.....aaccCGuagauccgaacuugA.....	5	1	F01
.....aaccCUuagauccgaacuugu.....	2	1	F01
.....aaccCGuagauccgaGcuugu.....	5	1	F01
.....GaccCGuagauccgaacuugu.....	3	1	F01
.....aaccCGAgaauccgaacuugu.....	4	1	F01
.....aaccCGuagaAccgaacuugu.....	1	1	F01
.....aaccCAuagauccgaacuugu.....	1	1	F01
.....aacACguagauccgaacuugug.....	1	1	F01
.....aaccCGuagauccgaacuugCg.....	2	1	F01
.....aaccCGuagauccgaauuugug.....	1	1	F01
.....aGccCGuagauccgaacuugug.....	1	1	F01
.....aaccCGuagauCgaaacuugug.....	1	1	F01



```

sha-miR-100
ipu-miR-100
ccuguugccacaacacmgaagga0ccgaacuugugguagugcacacaagcuugugucuaauagguaugugucugu
ame-miR-100
mml-miR-100-3p
oan-miR-100-3p
ssa-miR-100a-5p
aca-miR-100
ptr-miR-100
cgr-miR-100-5p
mml-miR-100-5p
fru-miR-100
ola-miR-100
sla-miR-100
mmu-miR-100-3p
mdo-miR-100-3p
tni-miR-100
ppy-miR-100
rno-miR-100-5p
mse-miR-100
lla-miR-100
age-miR-100
rno-miR-100-3p
tch-miR-100-5p
chi-miR-100-5p
lgi-miR-100
bta-miR-100
cqu-miR-100-5p
oan-miR-100-5p
hsa-miR-100-5p
ssc-miR-100
ggo-miR-100
pma-miR-100a-5p
chi-miR-100-3p
dre-miR-100-5p
nvi-miR-100
bbe-miR-100-5p
xtr-miR-100
eca-miR-100
ssa-miR-100a-2-3p
sko-miR-100
gga-miR-100-5p
pmi-miR-100-5p
aga-miR-100
bma-miR-100b
mdo-miR-100-5p
bmo-miR-100
cgr-miR-100-3p
tgu-miR-100-5p
aae-miR-100
mmu-miR-100-5p
ppa-miR-100

```

.....aaccgguagauccgaacuugug.....	111	0	F01
.....aaccgguagauccgaacuuguU.....	4	1	F01
.....aaccgguagauccgaacuuguA.....	3	1	F01
.....aacccguaCauccgaacuugug.....	1	1	F01
.....aacccguaGuccgaacuugug.....	2	1	F01
.....aaccgguagauccgaacuugugA.....	68	1	F01
.....aaccgguagauccgaacuugugC.....	19	1	F01
.....aaccgguagauccgaacuugugU.....	218	1	F01
.....aaccgguagauccgaacuugugg.....	7	0	F01
.....aaccgguagauccgaacuugugAu.....	7	1	F01
.....aaccgguagauccgaacuugugUu.....	1	1	F01
.....aaccgguagauccgaacuuguggA.....	1	1	F01
.....accgguagauccgaacuug.....	1	0	F01
.....accgguagauccgaacuugC.....	1	1	F01
.....accgguagauccgaacuugu.....	11	0	F01
.....accgguagaCccgaacuugu.....	1	1	F01
.....accgguagauccgaacuugug.....	1	0	F01
.....accgguagauccgaacuugugC.....	2	1	F01
.....accgguagauccAaacuugugg.....	1	1	F01

```

sha-miR-100
ipu-miR-100
ccuguugccacaaacremgBa00ccgaacuuguggugguagugcacacaagcuugugucuaauagguaugugucugu
ame-miR-100
mml-miR-100-3p
oan-miR-100-3p
ssa-miR-100a-5p
aca-miR-100
ptr-miR-100
cgr-miR-100-5p
mml-miR-100-5p
fru-miR-100
ola-miR-100
sla-miR-100
mmu-miR-100-3p
mdo-miR-100-3p
tni-miR-100
ppy-miR-100
rno-miR-100-5p
mse-miR-100
lla-miR-100
age-miR-100
rno-miR-100-3p
tch-miR-100-5p
chi-miR-100-5p
lgi-miR-100
bta-miR-100
cqu-miR-100-5p
oan-miR-100-5p
hsa-miR-100-5p
ssc-miR-100
ggo-miR-100
pma-miR-100a-5p
chi-miR-100-3p
dre-miR-100-5p
nvi-miR-100
bbe-miR-100-5p
xtr-miR-100
eca-miR-100
ssa-miR-100a-2-3p
sko-miR-100
gga-miR-100-5p
pmi-miR-100-5p
aga-miR-100
bma-miR-100b
mdo-miR-100-5p
bmo-miR-100
cgr-miR-100-3p
tgu-miR-100-5p
aae-miR-100
mmu-miR-100-5p
ppa-miR-100

```

.....acccguagaucggaacuugugU.....	9	1	F01
.....acccguagaucggaacuugugA.....	2	1	F01
.....acccguagaucggaacuugugUu.....	1	1	F01