



| 5'                                                                                                                  | -3'   | obs |        |
|---------------------------------------------------------------------------------------------------------------------|-------|-----|--------|
|                                                                                                                     |       | exp | sample |
| ggcgugaucuaacaauGCCUCCUCUUGGAAgCUGGUUUCAGGUGGUGACUUAGAgUGUUGUAGUCAUUUAUCUAGCACCAUUUGAAAUCAGUGUUCUUGGGGUGGGAAGUAGCAA |       |     |        |
| ggcgugaucuaacaauGCCUCCUCUUGGAAgCUGGUUUCAGGUGGUGACUUAGAgUGUUGUAGUCAUUUAUCUAGCACCAUUUGAAAUCAGUGUUCUUGGGGUGGGAAGUAGCAA |       |     |        |
| (((((.....)))))(((((.(((.(((((((((((((((((((.(.(((.....((.....))..)))))))))))))))))))))))).))))).)))).....          | reads | mm  | sample |
| .....gCUGGUUUCAGGUGGUGACUUA.....                                                                                    | 1     | 0   | s02    |
| .....gCUGGUUUCAGGUGGUGACUUA.....                                                                                    | 3     | 0   | s02    |
| .....gCUGGUUUCAGGUGGUGACUUA.....                                                                                    | 1     | 1   | s02    |
| .....gCUGGUUUCAGGUGGUGACUUA.....                                                                                    | 4     | 0   | s02    |
| .....CUAGCACCAUUUGAAAUCAGU.....                                                                                     | 1     | 0   | s02    |
| .....CUAGCACCAUUUGAACAGUG.....                                                                                      | 1     | 1   | s02    |
| .....CUAGCACCAUUUGAAAUCAGUG.....                                                                                    | 5     | 0   | s02    |
| .....UAGCACCAUUUGAAAUCAGU.....                                                                                      | 6     | 0   | s02    |
| .....UAGCACCAUUUGAAAUCAGUG.....                                                                                     | 2     | 1   | s02    |
| .....UAGCACCAUUUGAACUCAGUG.....                                                                                     | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUG.....                                                                                     | 20    | 0   | s02    |
| .....UAGCACCAUUUGAACUCAGUGU.....                                                                                    | 2     | 1   | s02    |
| .....UUGCACCAUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 6     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 102   | 0   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGA.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGGAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCUUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 7     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGUA.....                                                                                   | 4     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGU.....                                                                                    | 113   | 0   | s02    |
| .....UAGCACCAUUUGAAAUCAGUGUU.....                                                                                   | 1     | 1   | s02    |
| .....GCACCAUUUGAAAUCAGUGU.....                                                                                      | 2     | 0   | s02    |
| .....CUAGCACCAUUUGAAAUCAGUGU.....                                                                                   | 1     | 0   | s01    |
| .....UAGCACCAUUUGAAAUCAGUG.....                                                                                     | 3     | 0   | s01    |
| .....UAGAACCAUUUGAAAUCAGUGU.....                                                                                    | 1     | 1   | s01    |
| .....UAGCACCAUUUGAAAUCAGUQU.....                                                                                    | 13    | 0   | s01    |

Star

Mature

|                                                                                                                                        |   |   |     |
|----------------------------------------------------------------------------------------------------------------------------------------|---|---|-----|
| ggcgugaucuaacaaugcuccucuuggaagcuggguuucaggugggagacuuagaguguuguagucauuau <u>cuagcacc</u> auuugaaaucaguguuuc <u>u</u> uggggugggaaguagcaa |   |   |     |
| .....Aagcacc <u>auu</u> ugaaaucaguguu.....                                                                                             | 1 | 1 | s01 |
| .....uagcacc <u>auu</u> ugaaaucaguguu.....                                                                                             | 9 | 0 | s01 |
| .....uagcacc <u>auu</u> ugaaaucaguguA.....                                                                                             | 1 | 1 | s01 |