

## 5' editing of MURF2 mRNA is mediated by two gRNAs

3' - [U]UUUaUaaaUUaaUaaaaUUa  
| | | | : | | | : : | | : | | | | | | | |  
5' -UUUAUAUAGG UAUAAAUCU AUAUUUUUUAAAuGuuuGGuuGuuuuAAu

aaUUagaaUaaaaaUaUgaaaCUGACUCUGAUUA-5' gMURF2-II

| | | : | : | | | | | | | | : | | | | | | | |

3' - [U]nACaUUAGUACAUAA-5' gMURF2-I

| | | | : | | | | | | | |

uuAGuuuuAuuuuuAuGuuuuGACUGuAGUCGUGUAUUUGAUUUUAUUGUG . . 3'