

The dataset from *M. musculus* composed of 13 true D modification site sequences (positive dataset) and 48 false D modification site sequences (negative dataset)

Positive dataset *M. musculus*

```
>P_M. musculus_1
UAAUCUCAGGGUCGUGGGUUCGA
>P_M. musculus_2
AGCUCAGUCGGUAGAGCAUGAGA
>P_M. musculus_3
GGUUAGCUCAGUUGGUUAGAGCG
>P_M. musculus_4
GCUCAGUUGGUUAGAGCGUGGUG
>P_M. musculus_5
UAACGCCAAGGUCGCGGGUUCGA
>P_M. musculus_6
GGCUAGCUCAGUCGGUAGAGCAU
>P_M. musculus_7
CCAUGGUGUAAUGGUUAGCACUC
>P_M. musculus_8
GGAUCAGAAGAUCUAGGUUCGA
>P_M. musculus_9
GGCGCAAUGGAUAACGCGUCUGA
>P_M. musculus_10
CAGUGGCGCAAUGGAUAACGCGU
>P_M. musculus_11
CAGUGGCGCAAUGGAUAACGCGU
>P_M. musculus_12
GGCUAGCUCAGUCGGUAGAGCAU
>P_M. musculus_13
CGUUAGCGCAGUAGGUAGCGCGU
```

Negative dataset *M. musculus*

```
>N_M. musculus_1
UUGGUAGAGCGUGGGACUCUUA
>N_M. musculus_2
GAGCGUGGGACUCUUAUCCUAG
>N_M. musculus_3
GGGACUCUUAUCCUAGGGUCGU
>N_M. musculus_4
UCCUAGGGUCGUGGGUUCGAACC
>N_M. musculus_5
GUUGGUAGAGCUUGAGACUCUUA
>N_M. musculus_6
GAGCUUGAGACUCUUAUCUCAG
>N_M. musculus_7
GAGACUCUUAUUCUCAGGAaCAU
>N_M. musculus_8
UCUCAGGAaCAUGGGUUCGAGCC
>N_M. musculus_9
UCGGUAGAGCAUGAGACUCUUA
>N_M. musculus_10
GAGCAUGAGACUCUUAUCUCAG
>N_M. musculus_11
GAGACUCUUAUUCUCAGGUUCAU
>N_M. musculus_12
UUAUCUCAGGUUCAUGAGUUUG
>N_M. musculus_13
```

GUCAGUAGAGCUUGAGAAUCUUA
>N_M. musculus_14
GAGCUUGAGAAUCUUAUCUCAG
>N_M. musculus_15
GAGAAUCUUAUCUCAGGGUCGU
>N_M. musculus_16
UCUCAGGGUCGUGGGUUGGAGCC
>N_M. musculus_17
CAUGAGACUCUUAUCUCAGGGU
>N_M. musculus_18
GACUCUUAUCUCAGGGUCGUGG
>N_M. musculus_19
UCGGUACAGCAUGGGACUCUUA
>N_M. musculus_20
CAGCAUGGGACUCUUAUCCAG
>N_M. musculus_21
AGGGUCGUGGGUUCGAGCUCCAC
>N_M. musculus_22
UGGUUAGAGCGUGGUCUAAUAA
>N_M. musculus_23
GAGCGUGGUCUAAUAACGCCAA
>N_M. musculus_24
UUAGCGCGGGUACUUAUAUgUc
>N_M. musculus_25
CGCGGUACUUAUAUgUcagUgcU
>N_M. musculus_26
ggcgUaagcgAUGCCGAGGUUGU
>N_M. musculus_27
gAUGCCGAGGUUGUGAGUUCGAU
>N_M. musculus_28
GGUUGGCACUCUGGACUUUGAAU
>N_M. musculus_29
GCACUCUGGACUUUGAAUCCAGC
>N_M. musculus_30
GAAUCCAGCAaUCCAAGUJCAAG
>N_M. musculus_31
UGGAUAACGCGUCUGACUACGGA
>N_M. musculus_32
ACGCGUCUGACUACGGAUCAGAA
>N_M. musculus_33
CUGACUACGGAUCAGAAGAUUCC
>N_M. musculus_34
UGGAUAAGGCGUCUGAUUCCGGA
>N_M. musculus_35
AAGGCGUCUGAUUCCGGAUCAGA
>N_M. musculus_36
CUGAUUCCGGAUCAGAAGAUUGA
>N_M. musculus_37
GAUCAGAAGAUUGAGGGUUCGAG
>N_M. musculus_38
UGGAUAAGGCAUCAGCCUCCGGA
>N_M. musculus_39
AGGCAUCAGCCUCCGAGCUGGG
>N_M. musculus_40
GCCUCCGGAGCUGGGGAUUGUGG
>N_M. musculus_41
GAGCUGGGGAUUGUGGGUUCGAG
>N_M. musculus_42
GGAUAAGGCACUGGCCUCCUAAG
>N_M. musculus_43
AGGCACUGGCCUCCUAAGCCAGG
>N_M. musculus_44
AAGCCAGGGAUUGUGGGUUCGAG

>N_M. musculus_45
GAcgAGCGCGCUGGACUUCUAAU
>N_M. musculus_46
GCGCGCUGGACUUCUAAUCCAGA
>N_M. musculus_47
UGGACUUCUAAUCCAGAGGUUCU
>N_M. musculus_48
AAUCCAGAGGUUCUGGGUUCGAG