The dataset from *D. melanogaster* composed of 9 true D modification site sequences (positive dataset) and 38 false D modification site sequences (negative dataset)

Positive dataset_ *D. melanogaster*

>P_D.melanogaster_1
AUAUGGUCUAGUGGCUAGGAUAU
>P_D.melanogaster_2
UGAUCGUCUAGUGGUUAGGACCC
>P_D.melanogaster_3
UGGCCGAGAGGUUAAGGCGUUGG
>P_D.melanogaster_4
UGGCCGAGCGGUUAAGGCGUCUG
>P_D.melanogaster_5
UCGUGGCCGAGUGGUUAAGGCGU
>P_D.melanogaster_6
UGGUGUAGCGGUUAUCACAUCUG
>P_D.melanogaster_7
CACGCACAAGGUCCCCGGUUCGA
>P_D.melanogaster_8
CGAUAGCUCAGUUGGUAGAGCGG
>P_D.melanogaster_9
gcAUCCAUAGGUCGCUGGUUCAA

Negative dataset_ *D. melanogaster*

>negative_Drosophila_1
gAACGGACCGGUCUCGAAAACCG
>negative_Drosophila_2
GCUgAAGGCGCUCCCCUGCUAAG
>negative_Drosophila_3
GACGCACCAGAUUUAGGUUCUGG
>negative_Drosophila_4
GGUAGAGCAACUGACUUGUAAUC
>negative_Drosophila_5
AGUGGCUAGGAUAUCUGGCUUUC
>negative_Drosophila_6
GGAUAUCUGGCUUUCACCCAGAA
>negative_Drosophila_7
GGUGGGGGUCGUUGGUUCGAGUC
>negative_Drosophila_8
UAAUCAAUUGGUCGCAGGUUCGA
>negative_Drosophila_9
UUGGUCGCAGGUUCGAAUCCUGC
>negative_Drosophila_10
GAGCGUUAGACUGAAGAUCUAAA
>negative_Drosophila_11
AGGACCCCACGUUGUGGCCGUGG
>negative_Drosophila_12
CGUUGUGGCCGUGGUAaCCCAGG
>negative_Drosophila_13
AGGUUAAGGCGUUGGACUGCUAA
>negative_Drosophila_14
AGGCGUUGGACUGCUAAUCCAAU
>negative_Drosophila_15
UGGACUGCUAAUCCAAUGUGCUC
>negative_Drosophila_16
UGCUAAUCCAAUGUGCUCUGCAC
>negative_Drosophila_17

AUCCAAUGUGCUCUGCACGCGUG
>negative_Drosophila_18
CUCUGCACGCGUGGGUUCGAAUC
>negative_Drosophila_19
CGGUUAAGGCGUCUGACUAGAAA
>negative_Drosophila_20
AGGCGUCUGACUAGAAAUCAGAU
>negative_Drosophila_21
CUGACUAGAAAUCAGAUUCCCUC
>negative_Drosophila_22
UAGAAAUCAGAUUCCCUCUGGGA
>negative_Drosophila_23
AUCAGAUUCCCUCUGGGAGCGUA
>negative_Drosophila_24
CUCUGGGAGCGUAGGUUCGAAUC
>negative_Drosophila_25
CGGUUAUCACAUCUGCCUAACAC
>negative_Drosophila_26
UCACAUCUGCCUAACACGCAGAA
>negative_Drosophila_27
UGUAGUGGUUAUCACGUGUGCUU
>negative_Drosophila_28
UGGUUAUCACGUGUGCUUCACAC
>negative_Drosophila_29
AUCACGUGUGCUUCACACGCACA
>negative_Drosophila_30
UGGUAGAGCGGUGGACUGUAGaa
>negative_Drosophila_31
GAGCGGUGGACUGUAGaagUUUU
>negative_Drosophila_32
GACUGUAGaagUUUUcagaUcUg
>negative_Drosophila_33
aagUUUUcagaUcUgaUcacacU
>negative_Drosophila_34
UUcagaUcUgaUcacacUUUcca
>negative_Drosophila_35
UcUgaUcacacUUUccaggUgaU
>negative_Drosophila_36
cacUUUccaggUgaUcgaaUcca
>negative_Drosophila_37
aggUgaUcgaaUccagcaggcAU
>negative_Drosophila_38
UccagcaggcAUCCAUAGGUCGC