

The dataset from *H. sapiens* composed of 29 true D modification site sequences (positive dataset) and 68 false D modification site sequences (negative dataset)

Positive dataset *H.sapiens*

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>P_H. sapiens_1
UAACUGAAAGGUUGGUGGUUCGA
>P_H. sapiens_2
GGCGCAAUCGGUUAGCGCGUUCG
>P_H. sapiens_3
CGUAUAGUGGUUAGUACUCUGCG
>P_H. sapiens_4
UGGUCUAGUGGUUAGGAUUCGGC
>P_H. sapiens_5
CACGCGAAAGGUCCCCGGUUCGA
>P_H. sapiens_6
AGUGUAGUGGUUAUCACGUUCGC
>P_H. sapiens_7
UAACCCAGAGGUCGAUGGAUCGA
>P_H. sapiens_8
CUGUGGCGCAAUCGGUUAGCGCG
>P_H. sapiens_9
UGGUUCAGUGGUAGAAUUCUCGC
>P_H. sapiens_10
UGGCCGAGUGGUCUAAGGCGCCA
>P_H. sapiens_11
AGAUCUAAAGGUCCCUUGGUUCGA
>P_H. sapiens_12
AAUAGCUCAGUUGGGAGAGCGUU
>P_H. sapiens_13
AAAUAGCUCAGUUGGGAGAGCGU
>P_H. sapiens_14
AAAUAGCUCAGUUGGGAGAGCGU
>P_H. sapiens_15
UGGUGUAGUGGUUAUCAUGCAAGA
>P_H. sapiens_16
GGCCGAGUGGUUAAGGCGAUGGA
>P_H. sapiens_17
UGGUGUAAUGGUUAGCACUCUGG
>P_H. sapiens_18
CGAUAGCUCAGUUGGUAGAGCGG
>P_H. sapiens_19
CAAUCCUAGGUCGCUUGGUUCGA
>P_H. sapiens_20
AUUAGCUCAAUUGGUAGAGCGCU
>P_H. sapiens_21
CCGUAGUGUAGUGGUUAUCACGU
>P_H. sapiens_22
CCGUAGUGUAGUGGUUAUCACGU
>P_H. sapiens_23
CCGUAGUGUAGUGGUUAUCACGU
>P_H. sapiens_24
UCGUGGCCGAGUGGUUAAGGCGA
>P_H. sapiens_25
UCGUGGCCGAGUGGUUAAGGCGA
>P_H. sapiens_26
UGAUCGUUAUAGUGGUUAGUACUC
>P_H. sapiens_27
UAAUCUGAAGGUCGUGAGUUCGA
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>P_H. sapiens_28
AGCGCAGUAGGUAGCGCGUCAGU
>P_H. sapiens_29
GCAGAGCCCCGGUAAUCGCAUAAA

Negative dataset *H.sapiens*

>N_H. sapiens_1
CGGUUAGCGCGUUCGGCUGUAAA
>N_H. sapiens_2
GCGCGUUCGGCUGUUAACUGAAA
>N_H. sapiens_3
CGGCUGUUAACUGAAAGGUUAGU
>N_H. sapiens_4
UGAAAGGUUAGUGGUUCGAGCCC
>N_H. sapiens_5
GUGGUUAGUACUCUGCGUUGUGG
>N_H. sapiens_6
AGUACUCUGCGUUGUGGCCGAG
>N_H. sapiens_7
CCGCAGCAACCUCGGUUCGAAUC
>N_H. sapiens_8
AGUGGCUAGGAUUCGGCGCUUUC
>N_H. sapiens_9
GGAUUCGGCGCUUUCACCGCCGC
>N_H. sapiens_10
UGGUUAUCACGUUUGCCUAACAC
>N_H. sapiens_11
UCACGUUUGCCUAACACGCGAAA
>N_H. sapiens_12
CAGUGGUAGAAUUCUGCCUCCC
>N_H. sapiens_13
GAAUUCUCGCCUCCCACGCGGGA
>N_H. sapiens_14
UAGUGGUUAUCAUGCAAGAUUCCC
>N_H. sapiens_15
AUCAUGCAAGAUUCCCAUUCUUG
>N_H. sapiens_16
CAAGAUUCCCAUUCUUGCGACCC
>N_H. sapiens_17
GUCUAAGGCGCGUGGAUUAAGGCU
>N_H. sapiens_18
AGGCGCUGGAUUAAGGCUCCAGU
>N_H. sapiens_19
UGGAUUAAGGCUCCAGUCUCUUC
>N_H. sapiens_20
UAAGGCUCCAGUCUCUUCGGAGG
>N_H. sapiens_21
CUCCAGUCUCUUCGGAGGCGUGG
>N_H. sapiens_22
CUUCGGAGGCGUGGGUUCGAAUC
>N_H. sapiens_23
AGGCGCCAGACUCAAGCUAAGCU
>N_H. sapiens_24
CAGACUCAAGCUAAGCUUCCUCC
>N_H. sapiens_25
UCAAGCUAAGCUUCCUCCGCGGU
>N_H. sapiens_26
UUCCUCCGCGGUGGGGAUUCUGG
>N_H. sapiens_27
CGCGGUGGGGAUUCUGGUCUCCA
>N_H. sapiens_28

GGGGAUUCUGGUCUCCAAUGGAG
>N_H. sapiens_29
CUGGUCUCCAAUGGAGGCGUGGG
>N_H. sapiens_30
CAAUGGAGGCGUGGGUUCGAAUC
>N_H. sapiens_31
UAGGUAGCGCAUCAGUCUAAAA
>N_H. sapiens_32
GCGCAUCAGUCUAAAAUCUGAA
>N_H. sapiens_33
CAGUCUAAAAUCUGAAUGGUCC
>N_H. sapiens_34
CAAAAUCUGAAUGGUCCUGAGUU
>N_H. sapiens_35
CUGAAUGGUCCUGAGUUCAAGCC
>N_H. sapiens_36
UGGUUAAGGCGUUGGACUUAAGA
>N_H. sapiens_37
AGGCGUUGGACUUAAGAUCCAAU
>N_H. sapiens_38
UGGACUUAAGAUCCAAUGGACAU
>N_H. sapiens_39
UUAAGAUCCAAUGGACAU AUGUC
>N_H. sapiens_40
UCCAAUGGACAU AUGUCCGCGUG
>N_H. sapiens_41
AUAUGUCCGCGUGGGUUCGAACC
>N_H. sapiens_42
UUGGGAGAGCGUUAGACCGAAGA
>N_H. sapiens_43
UAGACCGAAGAUCUUAAGGUCC
>N_H. sapiens_44
UUAAGGUCCUGGUUCAAUCCC
>N_H. sapiens_45
GGUUAAGGCGAUGGACUAGAAAU
>N_H. sapiens_46
AGGCGAUGGACUAGAAAUCCA UU
>N_H. sapiens_47
UGGACUAGAAAUCCA UUGGGGUU
>N_H. sapiens_48
UAGAAAUCCA UUGGGGUU UCCCC
>N_H. sapiens_49
AUCCA UUGGGGUU UCCCCGCGCA
>N_H. sapiens_50
AGGCGUUGGACUCGAAAUCCA U
>N_H. sapiens_51
UGGACUCGAAAUCCA UUGGGGUC
>N_H. sapiens_52
UCGAAAUCCA UUGGGGUC UCCCC
>N_H. sapiens_53
CCA UUGGGGUC UCCCCGCGCAGG
>N_H. sapiens_54
AUGGUUAGCACUCUGGACUCUGA
>N_H. sapiens_55
GCACUCUGGACUCUGAAUCCAGC
>N_H. sapiens_56
UGGACUCUGAAUCCAGCGAUCCG
>N_H. sapiens_57
GAAUCCAGCGAUCCGAGUUCAAG
>N_H. sapiens_58
GAGCAGAGGACUAUAGCUACUUC
>N_H. sapiens_59
AGGACUAUAGCUACU UCCUCAGU

>N_H. sapiens_60
UAGCUACUCCUCAGUAGGAGAC
>N_H. sapiens_61
AGUAGGAGACGUCCUAGGUUGC
>N_H. sapiens_62
ACGUCCUAGGUUGCUGGUUCGA
>N_H. sapiens_63
GGUAGAGCGCGUGCUUAGCAUGC
>N_H. sapiens_64
CGUGCUUAGCAUGCACGAGGUCC
>N_H. sapiens_65
CAUGCACGAGGUCCUGGGUUCGA
>N_H. sapiens_66
UAGGUAGCGCGUCAGUCUCAUA
>N_H. sapiens_67
CGUCAGUCUCAUAUCUGAAGGU
>N_H. sapiens_68
GUCUCAUAUCUGAAGGUCGUGA