Table S1 – The starting data set, which consists of 271 proposed Zn-binding Pfam domains, some of them with one or more metal binding pattern (MBP) associated. In the zinc fingers the zinc ion is bound by a combination of four residues of His or Cys in a tetrahedral geometry. The hydrolytic enzymes have zinc coordinated by three residues among His, Glu, Asp and Arg with one or two water molecules.

Pfam domain	Associated pattern(s)
3_5_exonuc	'DX(1)EX(124)D', 'DX(1)EX(131)D', 'DX(1)EX(143)D', 'DX(56)D'
5_3_exonuc_N	'DX(22)D'
5_nucleotid_C	No pattern
AAL_decarboxy	'HX(1)HX(10)H'
ADH_N	'CX(0)T', 'CX(2)CX(2)CX(7)C', 'CX(2)CX(2)CX(8)C', 'CX(20)H', 'CX(20)HX(0)E', 'CX(21)H', 'CX(21)HX(0)E', 'CX(22)H', 'CX(23)H', 'CX(24)H', 'CX(24)HX(0)E', 'CX(26)HX(0)E', 'CX(29)H', 'CX(29)HX(0)E', 'CX(95)H', 'DX(1)H', 'DX(2)CX(2)CX(7)C', 'EX(2)CX(2)CX(7)C'
ADH_zinc_N	'DX(1)H'
ADK_lid	'CX(16)CX(2)D', 'CX(2)CX(16)CX(2)C', 'CX(2)CX(16)CX(2)D'
ALAD	'CX(1)C', 'CX(1)CX(7)C', 'CX(1)DX(7)C', 'CX(7)CX(36)D', 'DX(7)C', 'EX(43)H'
APOBEC_C	No pattern
APOBEC_N	'EX(37)HX(29)CX(2)C', 'HX(29)CX(2)C', 'HX(30)CX(2)C'
ATP-sulfurylase	'CX(2)CX(8)CX(3)H'
A_deamin	'HX(56)CX(64)C'
A_deaminase	'HX(1)HX(196)HX(80)D', 'HX(1)HX(196)HX(80)E', 'HX(1)HX(277)D', 'HX(76)H', 'HX(83)H'
Abhydrolase_2	'HX(25)DX(2)CX(27)H'
Ada_Zn_binding	'CX(26)C', 'CX(26)CX(2)C', 'CX(3)CX(26)CX(2)C'
Adenine_glyco	'CX(157)HX(3)H'
Alk_phosphatase	'DX(101)HX(1)TX(166)E', 'DX(103)TX(166)E', 'DX(111)HX(1)TX(158)E', 'DX(216)SX(0)D', 'DX(3)H', 'DX(3)HX(111)H', 'DX(3)HX(112)H', 'DX(3)HX(73)H', 'DX(3)HX(80)H', 'DX(317)DX(0)H', 'DX(42)H', 'DX(48)SX(269)DX(0)H', 'DX(49)SX(264)DX(0)H', 'DX(50)CX(266)DX(0)H', 'DX(50)SX(224)DX(41)DX(0)H', 'DX(50)SX(266)DX(0)H', 'DX(84)H', 'NX(50)SX(266)DX(0)H'
Alpha_kinase	'HX(56)HX(1)CX(3)C'
Amidase_2	'HX(104)HX(7)C', 'HX(109)HX(7)C', 'HX(115)HX(9)D', 'HX(119)HX(9)D', 'HX(99)HX(7)C'
Amidase_3	'HX(15)EX(53)H', 'HX(55)E'
Amidinotransf	'HX(100)C'
Amidohydro_1	'CX(123)HX(29)H', 'DX(26)HX(58)H', 'DX(36)H', 'EX(3)E', 'EX(63)HX(20)H', 'HX(1)HX(142)HX(78)D', 'HX(1)HX(152)HX(91)D', 'HX(1)HX(154)HX(85)D', 'HX(1)HX(166)HX(74)D', 'HX(1)HX(169)HX(36)HX(50)D', 'HX(1)HX(209)D', 'HX(1)HX(214)D', 'HX(1)HX(214)N', 'HX(1)HX(231)D', 'HX(1)HX(249)D', 'HX(1)HX(253)D', 'HX(1)HX(254)D',

	'HX(1)HX(256)D', 'HX(1)HX(258)D', 'HX(1)HX(26)C', 'HX(1)HX(293)D', 'HX(1)HX(89)DX(158)D', 'HX(19)H', 'HX(214)D', 'HX(22)H', 'HX(231)H', 'HX(269)H', 'HX(27)H', 'HX(28)H', 'HX(37)H', 'HX(39)E', 'HX(55)H', 'HX(57)H', 'HX(89)H', 'KX(32)HX(55)H', 'QX(1)HX(247)D'
Amidohydro_2	'DX(26)HX(3)H', 'EX(122)H', 'EX(28)HX(28)H', 'EX(35)HX(23)H', 'HX(1)HX(110)EX(105)D', 'HX(1)HX(165)HX(116)D', 'HX(1)HX(169)HX(105)E', 'HX(1)HX(85)EX(109)D', 'HX(35)H'
Amidohydro_3	'CX(123)HX(29)H', 'DX(26)HX(58)H', 'DX(36)H', 'EX(3)E', 'HX(1)HX(142)HX(78)D', 'HX(1)HX(152)HX(91)D', 'HX(1)HX(154)HX(85)D', 'HX(1)HX(166)HX(74)D', 'HX(1)HX(169)HX(36)HX(50)D', 'HX(1)HX(214)D', 'HX(1)HX(214)N', 'HX(1)HX(249)D', 'HX(1)HX(253)D', 'HX(1)HX(254)D', 'HX(1)HX(256)D', 'HX(1)HX(258)D', 'HX(1)HX(26)C', 'HX(1)HX(89)DX(158)D', 'HX(19)H', 'HX(214)D', 'HX(269)H', 'HX(27)H', 'HX(28)H', 'HX(39)E', 'HX(55)H', 'KX(32)HX(55)H'
Asp	'DX(181)D', 'HX(25)DX(63)D', 'HX(5)HX(141)DX(3)D'
AstE_AspA	'HX(2)E', 'HX(2)EX(88)H', 'HX(2)EX(89)H', 'HX(2)EX(91)H'
Astacin	'HX(3)HX(5)H', 'HX(3)HX(5)HX(46)Y'
Beta-lactamase	No pattern
COX2_TM	'HX(3)H'
COX3	'HX(83)HX(3)E'
COX5B	'CX(1)CX(19)CX(2)C', 'CX(7)HX(14)CX(2)C', 'DX(7)E'
COX7C	'HX(2)E'
Carb_anhydrase	'CX(1)HX(22)H', 'DX(1)HX(22)H', 'HX(1)H', 'HX(1)HX(16)H', 'HX(1)HX(17)H', 'HX(1)HX(22)C', 'HX(1)HX(22)D', 'HX(1)HX(22)H', 'HX(1)HX(22)HX(79)C', 'HX(1)HX(22)HX(79)D', 'HX(1)HX(22)HX(79)E', 'HX(1)HX(22)N', 'HX(1)HX(22)Q', 'HX(2)RX(132)H', 'HX(22)H', 'HX(24)H', 'NX(1)H', 'NX(1)HX(22)H', 'QX(68)C'
D-aminoacyl_C	No pattern
DFF40	'CX(8)CX(3)HX(64)C'
DHH	'DX(61)DX(21)H', 'HX(3)DX(63)D'
DHQ_synthase	'DX(3)HX(62)HX(13)H', 'DX(78)HX(15)H', 'DX(82)HX(16)H', 'DX(82)HX(17)H', 'EX(2)H', 'EX(63)HX(13)H', 'EX(76)HX(15)H', 'EX(77)H'
DNA_ligase_A_M	'DX(129)E'
DNA_ligase_ZBD	'CX(2)CX(12)CX(4)C', 'CX(2)CX(14)CX(5)C'
DNA_pol_A	'EX(171)D', 'HX(3)E'
DOPA_dioxygen	'HX(69)H'
DUF1907	'HX(1)HX(9)H'
DUF258	'CX(1)HX(5)C', 'CX(4)CX(1)HX(5)C'
Endonuclease_7	'CX(2)CX(31)CX(2)C'
FTP	No pattern
F_bP_aldolase	'DX(29)EX(6)E', 'DX(62)EX(91)HX(19)K', 'HX(115)HX(37)H', 'HX(37)H', 'HX(63)EX(51)HX(37)H', 'HX(93)HX(31)H', 'HX(96)HX(27)H'
Fe-ADH	'DX(3)HX(62)HX(13)H', 'DX(3)HX(68)HX(13)H', 'DX(78)HX(15)H', 'DX(82)HX(16)H',

	'DX(82)HX(17)H', 'EX(2)H'
Flavi_NS5	'EX(3)HX(4)CX(2)C', 'HX(1)HX(13)CX(118)C', 'HX(15)CX(118)C'
Flavodoxin_2	'HX(3)H', 'HX(3)HX(44)C'
FmdA_AmdA	'DX(1)HX(13)E', 'NX(1)DX(24)D'
GDPD	'EX(1)DX(79)E'
GFA	'CX(1)CX(2)C', 'CX(2)C'
GPI	'DX(0)E', 'HX(1)HX(6)EX(38)H'
GTP_EFTU	'CX(2)CX(8)CX(2)C'
GTP_cyclohydro2	'CX(10)CX(1)C'
GTP_cyclohydroI	'CX(2)HX(67)C'
GalP_UDP_tr_C	'CX(54)C', 'CX(54)H'
GalP_UDP_transf	'CX(2)CX(59)HX(48)H'
GatB_N	'CX(1)CX(50)CX(2)E'
Glyco_hydro_26	'EX(3)H', 'HX(31)DX(9)E', 'RX(2)HX(0)EX(70)DX(36)E', 'RX(2)HX(71)DX(36)E'
Glyco_hydro_38	'HX(1)DX(111)D', 'HX(1)DX(121)D'
Glyoxalase	'EX(65)E', 'HX(45)E', 'HX(45)Q', 'HX(46)EX(22)HX(48)E', 'HX(47)E', 'HX(47)H', 'HX(50)E', 'QX(65)E'
Guanylate_cyc	'DX(43)D'
HCV_NS5a_1a	'CX(17)CX(1)CX(20)C'
Hist_deacetyl	'DX(1)HX(85)D', 'DX(1)HX(86)D', 'DX(1)HX(87)D', 'DX(1)HX(91)D'
Histidinol_dh	'HX(97)D', 'QX(2)HX(97)D'
HtpX_N	No pattern
HycI	No pattern
IPT	'DX(39)EX(0)H'
Iso_dh	'DX(3)D', 'HX(1)E', 'HX(4)G'
KduI	'HX(1)HX(4)EX(41)H'
Lactamase_B	'CX(0)H', 'DX(0)H', 'DX(0)HX(102)D', 'DX(0)HX(102)DX(46)H', 'DX(0)HX(112)DX(25)H', 'DX(0)HX(124)EX(44)H', 'DX(0)HX(135)H', 'DX(0)HX(136)DX(53)H', 'DX(0)HX(142)D', 'DX(0)HX(142)DX(57)H', 'DX(0)HX(74)DX(38)H', 'DX(0)HX(76)D', 'DX(0)HX(81)DX(43)H', 'DX(0)HX(82)DX(45)H', 'DX(0)HX(90)DX(55)H', 'DX(0)HX(91)D', 'DX(0)HX(97)D', 'DX(0)RX(99)C', 'DX(100)C', 'DX(76)CX(38)H', 'DX(77)CX(41)H', 'DX(79)CX(41)H', 'EX(13)HX(56)K', 'EX(76)CX(38)H', 'HX(1)HX(100)D', 'HX(1)HX(108)EX(18)E', 'HX(1)HX(127)E', 'HX(1)HX(53)HX(23)D', 'HX(1)HX(55)HX(18)D', 'HX(1)HX(59)H', 'HX(1)HX(60)H', 'HX(1)HX(60)HX(24)D', 'HX(1)HX(62)H', 'HX(1)HX(62)HX(21)D', 'HX(1)HX(72)HX(20)D', 'HX(1)HX(72)HX(21)D', 'HX(1)HX(73)H', 'HX(1)HX(74)HX(70)D', 'HX(1)HX(77)H', 'HX(1)HX(77)HX(21)D', 'HX(1)HX(79)H', 'HX(1)HX(79)HX(20)D', 'HX(1)HX(83)HX(55)D', 'HX(1)HX(84)HX(20)D', 'HX(1)HX(95)NX(19)D', 'HX(164)E', 'HX(74)HX(70)D', 'HX(96)DX(45)H'
Ldh_1_C	'DX(41)KX(8)E'
Ldh_1_N	'DX(2)E', 'NX(1)C'

LigB	'HX(176)H'
Metallophos	'DX(1)HX(39)DX(146)H', 'DX(1)HX(40)DX(169)Q', 'DX(1)QX(44)DX(206)H', 'DX(169)H', 'DX(29)NX(75)HX(38)H', 'DX(31)NX(100)HX(34)H', 'DX(31)NX(122)H', 'DX(31)NX(48)HX(81)H', 'DX(33)NX(102)HX(31)H', 'DX(35)NX(131)HX(36)H', 'DX(35)NX(31)HX(21)H', 'DX(36)NX(84)HX(36)H', 'HX(8)E'
Metallothio	'CX(3)CX(4)CX(4)C', 'CX(5)CX(1)CX(10)C'
Metallothio_5	No pattern
Metallothio_PEC	No pattern
Metallothio_Pro	'CX(15)CX(14)CX(1)H', 'CX(24)CX(3)HX(13)C', 'CX(32)CX(4)CX(1)C', 'CX(4)CX(17)CX(3)C'
Metallothionein	No pattern
Meth_synt_1	No pattern
Meth_synt_2	'HX(1)CX(21)EX(61)C', 'HX(1)CX(83)C', 'HX(3)D'
Methyltransf_1N	'CX(4)CX(55)H'
Monooxygenase_B	'DX(1)D'
NAD_binding_1	'EX(34)H'
NUDIX-like	'CX(2)C'
OMPdecase	'HX(1)DX(30)HX(108)D'
PADR1	'CX(2)CX(12)CX(9)C'
PARP	'CX(2)HX(4)CX(2)C'
PDEase_I	'HX(0)HX(108)D', 'HX(0)HX(109)D', 'HX(0)HX(112)D', 'HX(0)HX(116)D', 'HX(110)H', 'HX(33)HX(0)DX(109)D', 'HX(33)HX(0)NX(109)D', 'HX(35)HX(0)D', 'HX(35)HX(0)DX(105)D', 'HX(35)HX(0)DX(108)D', 'HX(35)HX(0)DX(109)D', 'HX(35)HX(0)DX(110)D', 'HX(35)HX(0)DX(116)D', 'HX(35)HX(0)NX(116)D'
PMI_typeI	'HX(17)EX(56)H', 'QX(1)HX(24)EX(146)H'
PTE	'DX(20)H', 'EX(32)HX(27)H', 'EX(74)H', 'HX(1)HX(110)EX(117)D', 'HX(1)HX(243)D', 'HX(22)D', 'HX(28)H', 'RX(28)DX(1)S'
PTPS	'HX(1)H', 'HX(1)HX(76)H', 'HX(24)HX(1)H'
PdxA	'HX(99)H'
Pep_deformylase	No pattern
Peptidase_A25	No pattern
Peptidase_C2	No pattern
Peptidase_C78	No pattern
Peptidase_M1	'HX(3)HX(18)E'
Peptidase_M10	'CX(3)HX(5)H', 'HX(0)KX(2)HX(5)H', 'HX(1)DX(12)H', 'HX(1)DX(12)HX(12)H', 'HX(14)HX(12)H', 'HX(3)HX(5)H', 'HX(3)HX(5)HX(29)Y', 'HX(3)HX(5)HX(7)M'
Peptidase_M11	No pattern
Peptidase_M13	'HX(3)HX(58)E'
Peptidase_M13_N	No pattern
Peptidase_M14	'EX(205)E', 'HX(2)EX(103)H', 'HX(2)EX(123)H', 'HX(2)EX(124)H', 'HX(2)EX(131)H'

Peptidase_M15	'HX(6)DX(60)H'
Peptidase_M15_3	'HX(6)DX(35)H'
Peptidase_M16	'HX(3)HX(75)E', 'HX(3)HX(76)E'
Peptidase_M16_C	No pattern
Peptidase_M17	'DX(76)DX(1)E', 'KX(4)DX(17)DX(60)E', 'LX(0)MX(1)TX(97)R'
Peptidase_M18	'DX(32)EX(108)H', 'HX(103)DX(54)D'
Peptidase_M19	'EX(69)HX(20)H', 'EX(72)HX(20)H', 'HX(1)DX(102)E'
Peptidase_M2	'HX(3)HX(23)E'
Peptidase_M20	'DX(260)E', 'DX(3)D', 'DX(30)EX(109)H', 'DX(30)EX(311)H', 'DX(32)EX(108)H', 'DX(32)EX(97)H', 'DX(33)EX(204)H', 'DX(34)E', 'DX(34)EX(103)H', 'DX(34)EX(208)H', 'DX(34)EX(254)H', 'DX(34)EX(277)H', 'DX(34)EX(284)H', 'HX(10)DX(97)H', 'HX(11)DX(60)D', 'HX(11)DX(62)D', 'HX(19)DX(0)DX(60)D', 'HX(19)DX(33)EX(27)D', 'HX(19)DX(61)D', 'HX(28)DX(58)E', 'HX(31)DX(57)D', 'HX(32)DX(62)D', 'HX(52)D', 'HX(53)D', 'HX(54)D', 'HX(55)D', 'HX(61)D'
Peptidase_M22	No pattern
Peptidase_M23	'HX(1)D', 'HX(3)DX(78)H', 'HX(76)D', 'HX(78)D'
Peptidase_M24	No pattern
Peptidase_M26_C	No pattern
Peptidase_M26_N	No pattern
Peptidase_M27	'DX(172)H', 'HX(3)H', 'HX(3)HX(33)E', 'HX(3)HX(34)E', 'HX(3)HX(35)E', 'HX(38)E'
Peptidase_M28	'DX(3)D', 'DX(32)EX(97)H', 'DX(34)EX(103)H', 'DX(34)EX(114)H', 'DX(34)EX(208)H', 'DX(37)EX(127)H', 'DX(42)EX(127)H', 'HX(11)DX(60)D', 'HX(11)DX(62)D', 'HX(19)DX(0)DX(60)D', 'HX(19)DX(33)EX(27)D', 'HX(19)DX(61)D', 'HX(28)DX(58)E', 'HX(36)DX(28)E', 'HX(65)D', 'HX(9)DX(65)D'
Peptidase_M29	No pattern
Peptidase_M3	'DX(1)H', 'HX(3)H', 'HX(3)HX(23)E', 'HX(3)HX(24)E'
Peptidase_M30	No pattern
Peptidase_M32	'HX(3)HX(25)E'
Peptidase_M35	'HX(3)HX(10)D'
Peptidase_M36	No pattern
Peptidase_M3_N	No pattern
Peptidase_M4	'HX(3)H'
Peptidase_M41	'HX(3)HX(72)D'
Peptidase_M42	'DX(30)EX(109)H', 'DX(32)EX(108)H', 'HX(103)DX(54)D', 'HX(113)DX(52)D', 'HX(113)DX(54)D'
Peptidase_M43	No pattern
Peptidase_M44	No pattern
Peptidase_M48	'HX(3)HX(51)EX(45)H'
Peptidase_M49	'HX(4)HX(51)E'
Peptidase_M4_C	'YX(8)EX(64)H'

Peptidase_M50	'HX(3)HX(89)D'
Peptidase_M54	No pattern
Peptidase_M55	'DX(1)EX(49)H', 'DX(95)HX(28)E'
Peptidase_M56	No pattern
Peptidase_M6	No pattern
Peptidase_M61	No pattern
Peptidase_M7	'HX(3)HX(5)D'
Peptidase_M74	'DX(2)H', 'HX(2)HX(6)DX(90)H'
Peptidase_M8	'HX(3)HX(65)H'
Peptidase_M9	No pattern
Peptidase_M9_N	No pattern
Peptidase_S29	'CX(0)TX(0)CX(45)C', 'CX(0)TX(46)C', 'CX(1)CX(45)C', 'CX(47)C'
PhnA_Zn_Ribbon	No pattern
Phosphodiest	'DX(3)HX(148)H', 'DX(3)HX(161)H', 'DX(35)TX(166)DX(0)H', 'DX(38)TX(176)DX(0)H'
Pico_P2A	'CX(1)CX(57)CX(1)H'
Pkinase_Tyr	'CX(11)CX(2)C', 'CX(3)CX(7)CX(2)C'
Polysacc_deac_1	'DX(3)H', 'DX(48)HX(3)H', 'DX(49)HX(3)H', 'HX(3)H'
Pre-SET	'CX(1)CX(2)CX(4)C', 'CX(1)CX(3)CX(4)C', 'CX(1)CX(4)CX(4)C', 'CX(1)CX(5)CX(4)C', 'CX(1)CX(5)CX(7)C', 'CX(10)CX(26)CX(3)C', 'CX(12)CX(29)CX(3)C', 'CX(13)CX(28)CX(3)C', 'CX(14)CX(46)CX(3)C', 'CX(17)CX(28)CX(3)C', 'CX(32)CX(5)CX(3)C', 'CX(35)CX(5)CX(3)C', 'CX(36)CX(5)CX(3)C', 'CX(38)CX(5)CX(3)C', 'CX(53)CX(5)CX(3)C'
ProRS-C_1	'CX(2)C', 'CX(4)CX(25)CX(2)C'
ProRS-C_2	No pattern
Pro_CA	'CX(1)DX(50)HX(2)C', 'CX(1)DX(53)HX(2)C', 'CX(52)HX(2)C', 'CX(54)HX(2)C', 'CX(59)HX(2)C'
PseudoU_synth_1	No pattern
Put_Phosphatase	'CX(3)CX(3)CX(2)C'
QRPTase_C	'HX(30)DX(25)D', 'HX(56)D'
RNA_POL_M_15KD	'CX(0)RX(1)C', 'CX(18)CX(2)C', 'CX(2)CX(18)C', 'CX(2)CX(18)CX(2)C'
RNA_pol_A_bac	'CX(1)CX(3)C', 'CX(1)CX(3)CX(2)C'
RNA_pol_L	'CX(1)CX(3)C', 'CX(1)CX(3)CX(2)C'
RNA_pol_N	'CX(2)CX(33)CX(0)C', 'CX(2)CX(34)CX(0)C', 'CX(33)CX(0)C'
RNA_pol_Rpb1_1	'AX(16)C', 'CX(0)MX(1)CX(37)CX(18)C', 'CX(0)QX(1)CX(6)CX(2)H', 'CX(1)CX(12)CX(2)C', 'CX(1)CX(15)C', 'CX(12)H', 'CX(18)C', 'CX(2)CX(37)CX(18)C', 'CX(2)CX(56)C', 'CX(2)CX(6)C', 'CX(2)CX(6)CX(2)H', 'CX(2)CX(9)H', 'CX(37)C', 'CX(37)CX(18)C', 'CX(4)NX(4)CX(2)H', 'CX(40)C', 'CX(56)C', 'CX(6)C', 'CX(6)CX(2)H', 'MX(1)CX(56)C'
RNA_pol_Rpb1_5	'CX(6)CX(2)C', 'CX(81)CX(6)C', 'CX(81)CX(6)CX(2)C'
RNA_pol_Rpb2_7	'CX(15)CX(2)C', 'CX(18)C', 'CX(2)CX(14)C', 'CX(2)CX(15)C', 'CX(2)CX(15)CX(2)C', 'CX(2)CX(18)C'
RdRP_1	'HX(1)HX(8)C'

RdRP_4	'HX(1)HX(8)C'
Reprolysin	'DX(0)FX(45)N', 'DX(32)HX(3)HX(5)H', 'HX(3)HX(5)H'
RhaA	'EX(32)DX(26)HX(39)D', 'EX(34)DX(26)HX(45)D', 'HX(31)D'
Ribosomal_L36	'CX(2)CX(12)CX(4)H', 'CX(2)CX(12)CX(5)H'
Ribosomal_L37ae	No pattern
Ribosomal_L37e	No pattern
Ribosomal_L40e	'CX(2)CX(10)CX(2)C'
Ribosomal_S14	'CX(12)CX(2)C', 'CX(2)CX(12)CX(2)C', 'CX(2)CX(15)C', 'RX(0)CX(1)RX(13)C'
Ribosomal_S27	No pattern
Ribosomal_S27e	No pattern
Ribul_P_3_epim	'HX(1)DX(30)HX(108)D', 'HX(1)DX(31)HX(108)D'
S-methyl_trans	'CX(26)NX(37)CX(0)C', 'CX(64)CX(0)C', 'CX(81)CX(0)C', 'YX(56)CX(81)CX(0)C'
SelR	'CX(2)CX(45)CX(2)C'
SoxD	'CX(2)CX(49)HX(3)C'
Sulfatase	'CX(0)C'
TGT	'CX(1)CX(2)CX(22)H', 'CX(1)CX(2)CX(25)H'
TK	'CX(2)CX(28)CX(2)C', 'CX(2)CX(29)CX(2)C', 'CX(2)CX(34)CX(2)C', 'CX(2)CX(34)CX(2)H'
TRM13	No pattern
TatD_DNase	'DX(26)HX(3)H', 'EX(35)HX(23)H', 'EX(35)HX(24)H', 'HX(1)HX(84)EX(110)D', 'HX(1)HX(85)EX(109)D'
Toxin_trans	No pattern
Trypsin	'HX(137)S', 'HX(143)S', 'HX(152)G', 'HX(152)GX(0)D', 'HX(2)H', 'HX(5)E', 'HX(51)E', 'HX(91)D'
U-box	'CX(1)HX(22)CX(4)C'
UCH	'CX(2)CX(22)HX(7)H', 'CX(2)CX(25)CX(2)C', 'CX(2)CX(43)CX(2)C', 'CX(2)CX(45)CX(2)C', 'CX(2)CX(47)CX(2)C'
VanY	'HX(6)DX(45)H'
Viral_protease	'CX(2)CX(31)CX(1)C'
YgbB	'DX(1)H', 'DX(1)HX(31)H'
Zn_peptidase	No pattern
Zn_peptidase_2	No pattern
dCMP_cyt_deam_1	'CX(29)CX(44)HX(7)E', 'CX(32)CX(2)C', 'CX(33)CX(2)C', 'CX(34)CX(2)C', 'CX(4)CX(6)H', 'CX(8)C', 'HX(24)CX(8)C', 'HX(26)CX(2)C', 'HX(27)CX(2)C', 'HX(27)CX(8)C', 'HX(28)CX(2)C', 'HX(29)CX(2)C', 'HX(32)CX(2)C', 'HX(34)CX(2)C'
dCMP_cyt_deam_2	'CX(32)CX(2)C', 'HX(32)CX(2)C'
malic	'KX(41)EX(0)DX(24)D'
tRNA-synt_1	'CX(2)C', 'CX(2)CX(13)CX(2)H', 'CX(2)CX(164)CX(2)C', 'CX(2)CX(204)CX(2)C', 'CX(2)CX(37)CX(1)C', 'CX(2)CX(41)CX(2)C', 'CX(2)CX(9)CX(2)C', 'CX(2)DX(42)CX(2)C', 'CX(20)CX(2)C', 'CX(40)CX(1)C', 'GX(36)C'
tRNA-synt_1c	'CX(1)CX(11)YX(3)C'

tRNA-synt_1e	'CX(180)CX(24)H', 'CX(180)CX(24)HX(3)E'
tRNA-synt_1f	'CX(2)HX(18)C', 'DX(3)CX(0)HX(5)H'
tRNA-synt_1g	'CX(180)CX(24)H', 'CX(180)CX(24)HX(3)E', 'CX(2)C', 'CX(2)CX(13)CX(2)H', 'CX(2)CX(164)CX(2)C', 'CX(2)CX(204)CX(2)C', 'CX(2)CX(37)CX(1)C', 'CX(2)CX(41)CX(2)C', 'CX(2)CX(9)CX(2)C', 'CX(2)DX(42)CX(2)C', 'CX(20)CX(2)C', 'CX(40)CX(1)C', 'GX(36)C'
tRNA-synt_2b	'CX(48)E', 'CX(50)H'
tRNA-synt_2d	'CX(2)CX(4)CX(2)C'
tRNA_SAD	'HX(3)H'
zf-4CXXC_R1	No pattern
zf-A20	'CX(2)C', 'CX(4)CX(11)CX(2)C'
zf-AD	'CX(2)CX(45)CX(2)C'
zf-AN1	'CX(1)CX(13)HX(1)C', 'CX(17)CX(2)C', 'CX(2)C', 'CX(2)CX(13)HX(1)C', 'CX(2)CX(17)CX(2)H', 'CX(2)CX(18)CX(2)H', 'CX(2)CX(20)CX(2)H', 'CX(2)CX(26)CX(2)C', 'CX(4)CX(17)CX(2)H'
zf-BED	'CX(2)CX(15)HX(4)H', 'CX(2)CX(19)HX(4)H'
zf-B_box	'CX(2)CX(12)HX(2)H', 'CX(2)CX(13)HX(2)C', 'CX(2)DX(11)HX(4)H', 'CX(2)DX(12)HX(2)H', 'CX(2)DX(13)HX(2)H', 'CX(2)HX(15)CX(2)C', 'CX(2)HX(16)CX(2)C', 'CX(2)HX(18)CX(5)H'
zf-C2H2	'CX(2)CX(11)H', 'CX(2)CX(12)HX(3)C', 'CX(2)CX(12)HX(3)H', 'CX(2)CX(12)HX(4)H', 'CX(2)CX(12)HX(5)H', 'CX(3)C', 'CX(3)H', 'CX(4)C', 'CX(4)CX(12)HX(3)H', 'CX(4)CX(12)HX(4)H', 'CX(4)CX(15)HX(3)H', 'CX(5)CX(12)HX(4)H'
zf-C2HC	'CX(4)CX(12)HX(5)C', 'CX(5)C'
zf-C2HC5	No pattern
zf-C3H1	No pattern
zf-C3HC	No pattern
zf-C3HC4	'CX(0)CX(20)CX(2)C', 'CX(1)CX(23)CX(2)C', 'CX(1)CX(24)CX(4)C', 'CX(1)H', 'CX(1)HX(13)CX(2)C', 'CX(1)HX(16)CX(2)C', 'CX(1)HX(17)CX(2)C', 'CX(1)HX(17)CX(2)D', 'CX(1)HX(19)CX(2)C', 'CX(1)HX(21)CX(2)C', 'CX(1)HX(22)CX(2)C', 'CX(1)HX(23)CX(2)C', 'CX(2)C', 'CX(2)CX(15)CX(2)C', 'CX(2)CX(16)CX(2)C', 'CX(2)CX(17)CX(2)C', 'CX(2)CX(17)HX(2)C', 'CX(2)CX(19)CX(2)C', 'CX(2)CX(19)HX(2)C', 'CX(2)CX(20)CX(2)C', 'CX(2)CX(20)HX(2)C', 'CX(2)CX(21)CX(2)C', 'CX(2)CX(21)HX(2)C', 'CX(2)CX(22)CX(2)C', 'CX(2)CX(23)CX(2)C', 'CX(2)CX(23)HX(2)C', 'CX(2)CX(31)HX(2)C', 'CX(2)CX(34)HX(2)C', 'CX(2)CX(8)CX(13)C', 'CX(2)H', 'CX(5)HX(21)CX(5)C'
zf-C4	'CX(13)CX(2)C', 'CX(2)C', 'CX(2)CX(13)CX(2)C', 'CX(3)CX(9)CX(2)C', 'CX(5)CX(9)CX(2)C'
zf-C4H2	No pattern
zf-C4_ClpX	'CX(2)C'
zf-C4_Topoisom	No pattern
zf-C5HC2	No pattern
zf-CCCH	'CX(7)CX(4)CX(3)H', 'CX(7)CX(5)CX(3)H', 'CX(8)CX(4)CX(3)H', 'CX(8)CX(5)CX(3)H'
zf-CCHC	'CX(2)CX(4)HX(4)C'
zf-CCHH	No pattern

zf-CHC2	'CX(2)HX(17)CX(2)C'
zf-CHCC	No pattern
zf-CHY	'CX(0)CX(9)HX(5)H', 'CX(1)HX(17)CX(2)C', 'CX(1)NX(0)CX(9)CX(1)EX(0)C', 'CX(2)C', 'CX(2)CX(9)CX(2)C'
zf-CSL	'CX(1)CX(19)CX(2)C'
zf-CW	'CX(4)CX(20)CX(10)C'
zf-CXXC	'CX(2)CX(2)CX(15)C', 'CX(2)CX(2)CX(32)C'
zf-DBF	No pattern
zf-DHHC	No pattern
zf-DNA_Pol	No pattern
zf-DNL	'CX(2)CX(21)CX(2)C'
zf-Dof	No pattern
zf-FCS	No pattern
zf-FPG_IleRS	'CX(19)CX(2)C', 'CX(2)CX(16)CX(2)C'
zf-GRF	No pattern
zf-H2C2	No pattern
zf-HIT	'CX(2)C', 'CX(2)CX(15)CX(3)C', 'CX(2)CX(19)CX(3)C'
zf-HYPF	No pattern
zf-LITAF-like	No pattern
zf-LSD1	No pattern
zf-LYAR	'CX(2)CX(11)HX(2)C'
zf-MIZ	'CX(1)HX(17)CX(2)C', 'CX(1)HX(19)CX(2)C', 'CX(1)HX(22)CX(2)C', 'CX(2)C', 'CX(2)CX(16)CX(2)C', 'CX(2)CX(17)CX(2)C'
zf-MYND	'CX(17)CX(3)H', 'CX(2)CX(12)HX(3)C', 'CX(2)CX(15)CX(3)C', 'CX(2)CX(16)CX(3)C', 'CX(2)CX(17)HX(3)C', 'CX(3)C'
zf-NADH-PPase	'CX(2)C', 'CX(2)CX(14)CX(2)C', 'CX(2)CX(3)H'
zf-NF-X1	No pattern
zf-NPL4	No pattern
zf-P11	No pattern
zf-PARP	'CX(2)CX(28)HX(2)C', 'CX(2)CX(30)HX(2)C'
zf-RAG1	No pattern
zf-RING-like	'CX(2)CX(17)HX(2)C', 'CX(2)CX(20)CX(2)C'
zf-RNPHF	No pattern
zf-RanBP	'CX(2)CX(10)CX(2)C', 'CX(4)CX(10)CX(2)C'
zf-Sec23_Sec24	'CX(17)CX(2)C', 'CX(18)CX(2)C', 'CX(2)C', 'CX(4)CX(18)CX(2)C'
zf-TAZ	'HX(3)CX(12)CX(4)C', 'HX(3)CX(4)CX(2)C', 'HX(3)CX(4)CX(4)C', 'HX(3)CX(5)CX(4)C', 'HX(3)CX(7)CX(2)C'
zf-TRAF	'CX(2)CX(11)H', 'CX(3)C', 'CX(3)CX(11)HX(3)C', 'CX(3)CX(11)HX(4)C', 'CX(3)CX(12)HX(4)C', 'CX(6)CX(11)H', 'HX(15)C'

zf-Tim10_DDP	No pattern
zf-U1	'CX(2)CX(14)HX(5)H'
zf-UBP	'CX(12)C', 'CX(16)CX(6)C', 'CX(19)CX(6)C', 'CX(2)CX(15)HX(5)H', 'CX(2)CX(16)HX(8)H', 'CX(2)H', 'CX(4)CX(15)HX(5)H', 'CX(7)C'
zf-UBR	No pattern
zf-XS	No pattern
zf-ZPR1	'CX(2)C'
zf-dskA_traR	'CX(2)CX(17)CX(2)C'
zf-nanos	No pattern
zf-piccolo	No pattern
zf-primase	No pattern