

**SUPPLEMENTARY TABLE S1**

<b>Number</b>	<b>Ox-PTM Name</b>	<b>Reference</b>
(1)	cysteine sulfenic acid	[2, 3]
(2)	cysteine sulfinic acid	[2, 3]
(3)	cysteine mixed disulfide	[4]
(4)	S-nitrosyl cysteine	[3]
(5)	cysteine cyclic sulfenamide	[2, 3]
(6)	cysteine glutathionylation	[3]
(7)	cysteine thiosulfinate	[2]
(8)	cysteine disulfide	[2-4]
(9)	cysteine sulfonic acid	[2, 3]
(10)	Prx cysteine phosphoryl sulfinic enzyme intermediate	[2]
(11)	methionine sulfoxide	[4, 5]
(12)	methionine sulfone	[5]
(13)	3-nitrotyrosine	[6]
(14)	3,4-dihydrophenylalanine (DOPA)	[6]
(15)	dopaquinone (DQ)	[6]
(16)	DQ protein conjugate adduct	[6]
(17)	3,3'-dityrosine	[6]
(18)	3-aminotyrosine	[6]
(19)	Quinone imine (QI)	[6]
(20)	QI protein conjugate adduct	[6]
(21)	3-chlorotyrosine	[6]
(22)	3,5-dichlorotyrosine	[6]
(23)	3-bromotyrosine	[6]
(24)	3,5-dibromotyrosine	[6]
(25)	3-iodotyrosine	[6]
(26)	3,5-iodotyrosine	[6]
(27)	2-hydroxytryptophan	[4, 7]
(28)	4-hydroxytryptophan	[4, 7]
(29)	5-hydroxytryptophan	[4, 7]
(30)	6-hydroxytryptophan	[4, 7]
(31)	7-hydroxytryptophan	[4, 7]
(32)	dihydroxytryptophan	[7]
(33)	2-nitrotryptophan	[7]
(34)	4-nitrotryptophan	[7]
(35)	5-nitrotryptophan	[7]
(36)	6-nitrotryptophan	[7]
(37)	7-nitrotryptophan	[7]

Number	Ox-PTM Name	Reference
(38)	1-nitrotryptophan	[7]
(39)	1-nitrosotryptophan	[7]
(40)	5-hydroxy-6-nitrotryptophan	[7]
(41)	N-formylkynurenine	[4, 7]
(42)	3-hydroxykynurenine	[4]
(43)	Oxindole-3-alanine	[7]
(44)	kynurenine	[7]
(45)	2-oxohistidine	[4, 8]
(46)	Asparagine (Ox-PTM histidine)	[4]
(47)	Aspartate (Ox-PTM histidine)	[4]
(48)	4-hydroxyphenylalanine	[4]
(49)	2-hydroxyphenylalanine	[4, 6]
(50)	3-hydroxyphenylalanine	[4, 6]
(51)	2-alkenal Michael adduct (Ox-PTM histidine)	[8]
(52)	4-hydroxy-2-alkenal Michael adduct (Ox-PTM histidine)	[8]
(53)	Aminadipic semialdehyde (Ox-PTM lysine)	[4, 8]
(54)	2-alkenal Michael adduct (Ox-PTM lysine)	[8]
(55)	4-hydroxy-2-alkenal Michael adduct (Ox-PTM lysine)	[8]
(56)	FDP adduct (Ox-PTM lysine)	[8]
(57)	N-propenallysine	[8]
(58)	DHP adduct (Ox-PTM lysine)	[8]
(59)	pyridium DHP (Ox-PTM lysine)	[8]
(60)	Glutamylsemialdehyde (Ox-PTM arginine)	[4]
(61)	3-hydroxyleucine	[4]
(62)	4-hydroxyleucine	[4]
(63)	3-hydroxyvaline	[4]
(64)	4-hydroxyglutamic acid	[4]
(65)	2-amino-3-ketobutyric acid	[4]

Supplementary Table S1: List of Ox-PTMs identified following oxidative stress in cells or exposure of protein *in vitro* to ROS and RNOS.