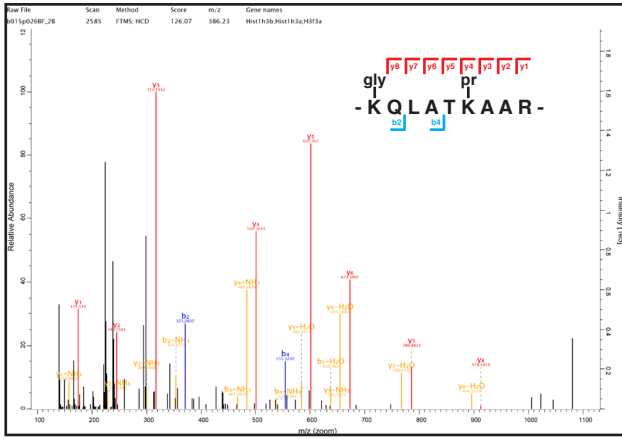


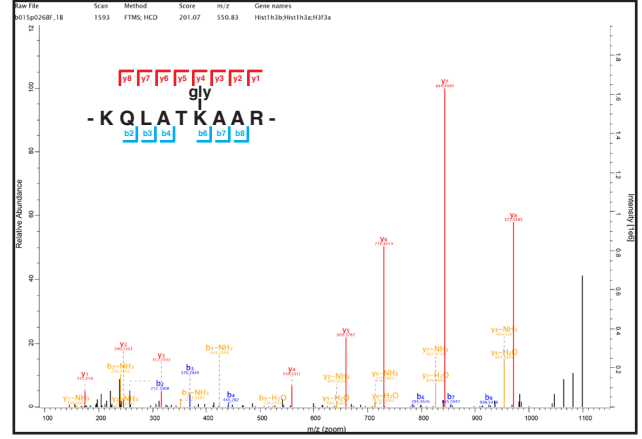
Experiment	Sample	Band (kDa)	Protein	Modified site
b015p026 (Exp 1)	Both	25, 35	Histone H3	18
b015p026 (Exp 1)	Both	25, 35	Histone H3	23
b015p026 (Exp 1)	Both	25, 35	Histone H3	27
b015p026 (Exp 1)	Both	25, 35	Histone H3	9
b015p026 (Exp 1)	Both	25, 35	Histone H3	56
b015p026 (Exp 1)	Both	35	Ubiquitin	63
b015p026 (Exp 1)	Both	35	Ubiquitin	48
b015p026 (Exp 1)	Both	25, 35	Histone H3	79
b015p047 (Exp 2)	ii	25	Histone H3	23
b015p047 (Exp 2)	ii	25	Histone H3	56
b015p047 (Exp 2)	Both	100	UHRF1 <sup>ΔMW</sup>	11
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	31
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	50
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	84
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	381
b015p047 (Exp 2)	Both	100	UHRF1 <sup>ΔMW</sup>	383
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	404
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	524
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	550
b015p047 (Exp 2)	Both	100	UHRF1 <sup>ΔMW</sup>	641
b015p047 (Exp 2)	Both	100	UHRF1 <sup>ΔMW</sup>	648
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	662
b015p047 (Exp 2)	ii	100	UHRF1 <sup>ΔMW</sup>	664
b015p047 (Exp 2)	ii	100	Ubiquitin	63
b015p056 (Exp 3)	Both	35, 44	Histone H3	14
b015p056 (Exp 3)	Both	25, 35, 44	Histone H3	23
b015p056 (Exp 3)	Both	35, 44	Histone H3	18 and 23
b015p056 (Exp 3)	Both	25, 35, 44	Histone H3	27

Experiment 1 (UHRF1<sup>AMW</sup> H3-ubiquitylation, b015p026)

H3K18-Ub



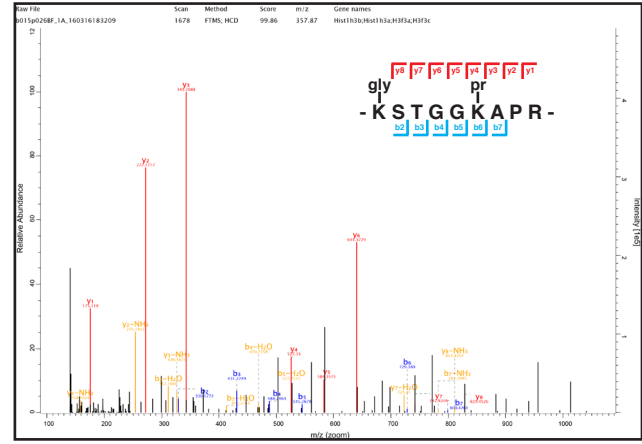
H3K23-Ub



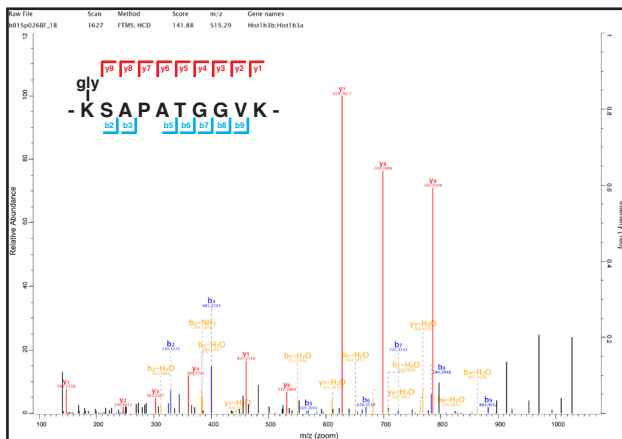
H3K56-Ub



H3K9-Ub

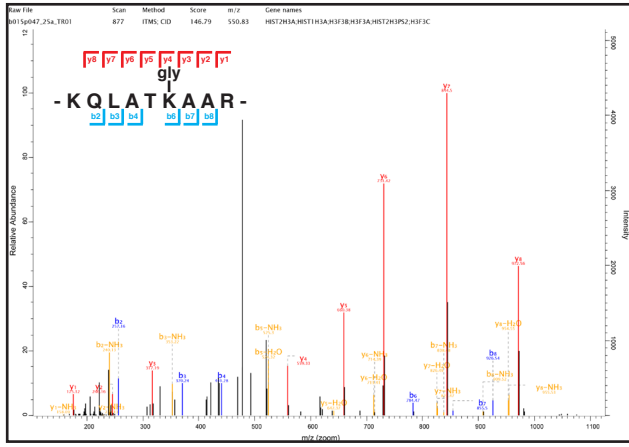


H3K27-Ub

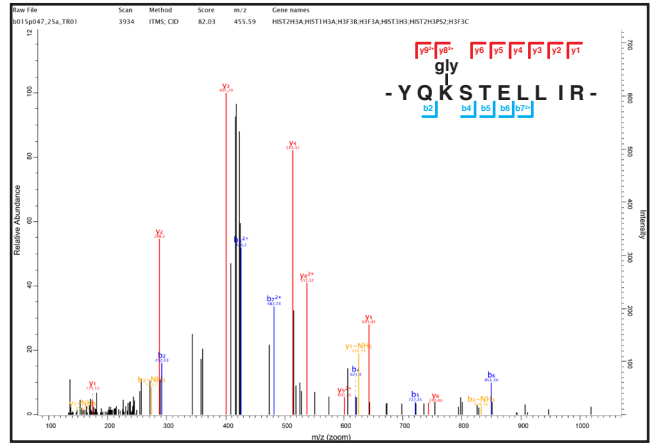


Experiment 2 (UHRF1<sup>ΔMW</sup> auto-ubiquitylation and H3-ubiquitylation, b015p047)

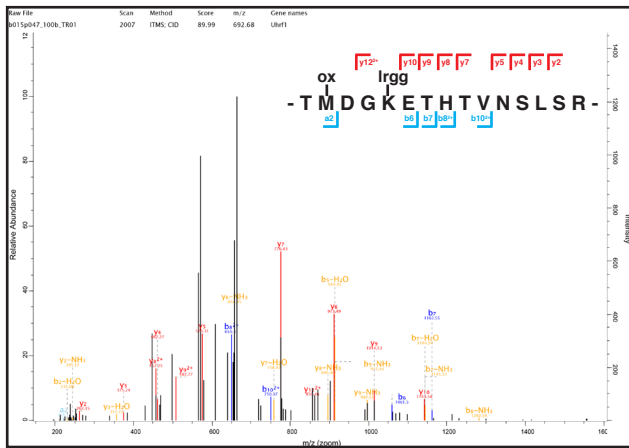
H3K23-Ub



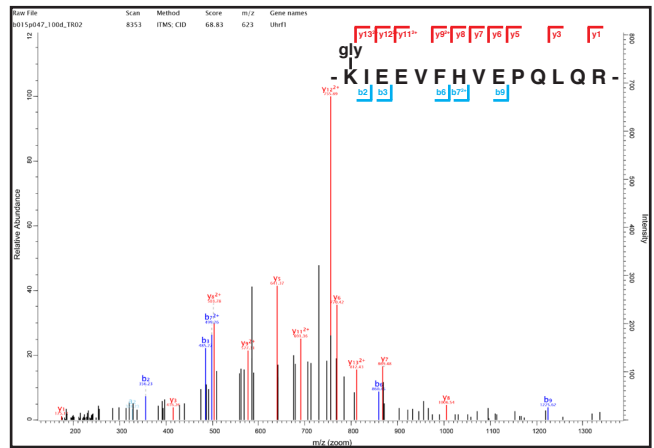
H3K56-Ub



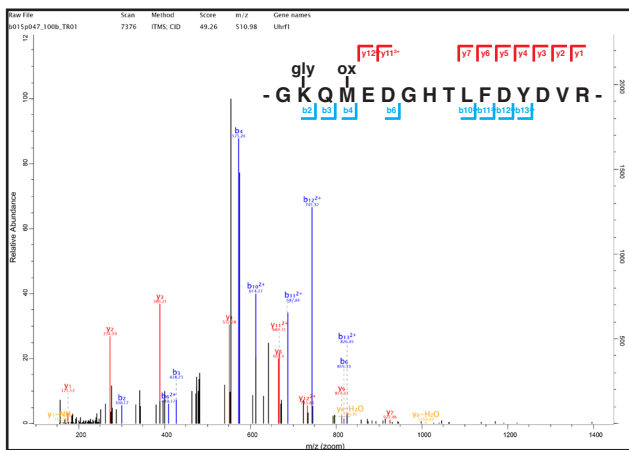
UHRF1<sup>ΔMW</sup> K11 auto-Ub



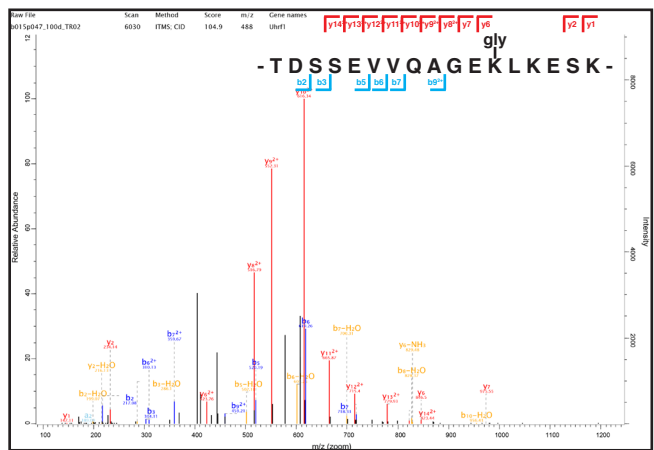
UHRF1<sup>ΔMW</sup> K31 auto-Ub



UHRF1<sup>ΔMW</sup> K50 auto-Ub

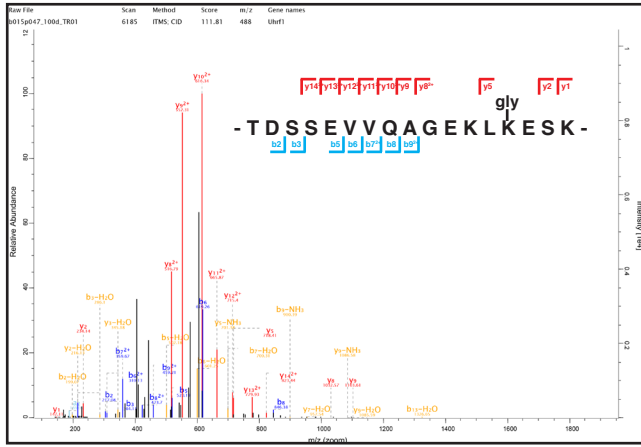


UHRF1<sup>ΔMW</sup> K381 auto-Ub

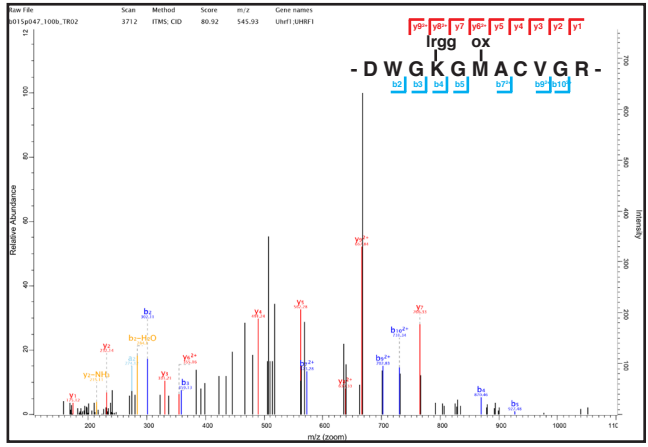


Experiment 2 (UHRF1<sup>ΔMW</sup> auto-ubiquitylation and H3-ubiquitylation, b015p047)

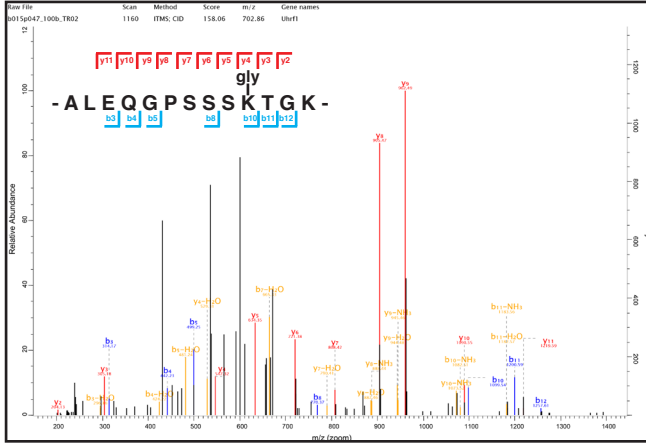
UHRF1<sup>ΔMW</sup> K383 auto-Ub



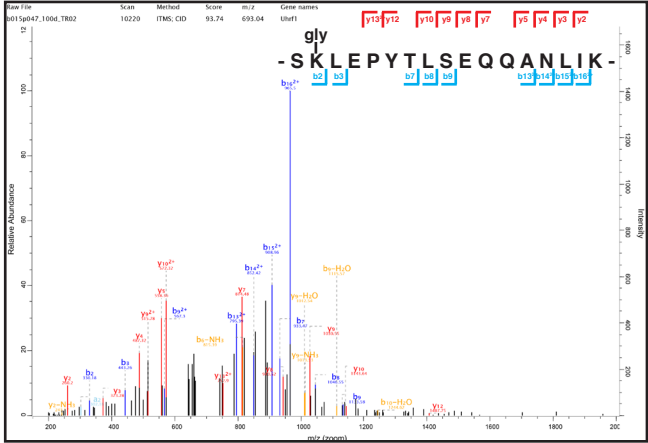
UHRF1<sup>ΔMW</sup> K404 auto-Ub



UHRF1<sup>ΔMW</sup> K641 auto-Ub

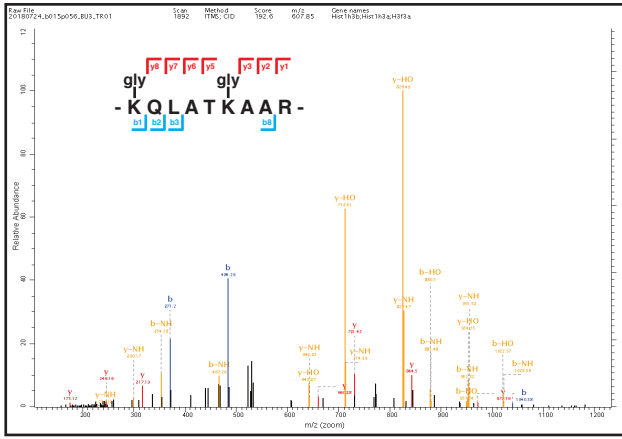


UHRF1<sup>ΔMW</sup> K664 auto-Ub

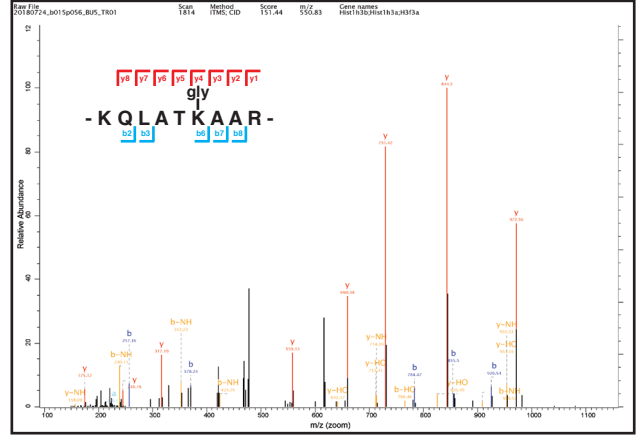


Experiment 3 (UHRF1<sup>WT</sup> H3-ubiquitylation, b015p056)

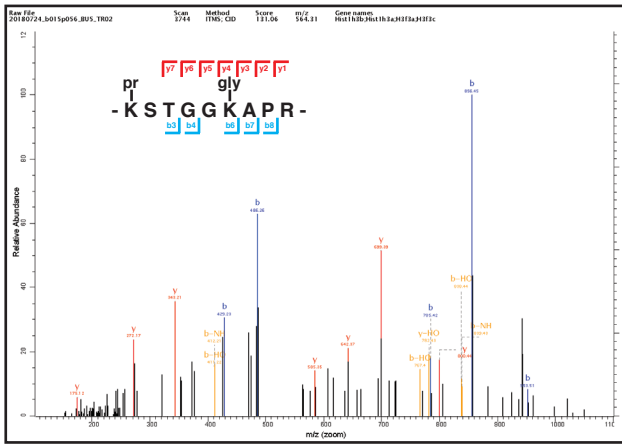
H3K18-Ub/K23-Ub



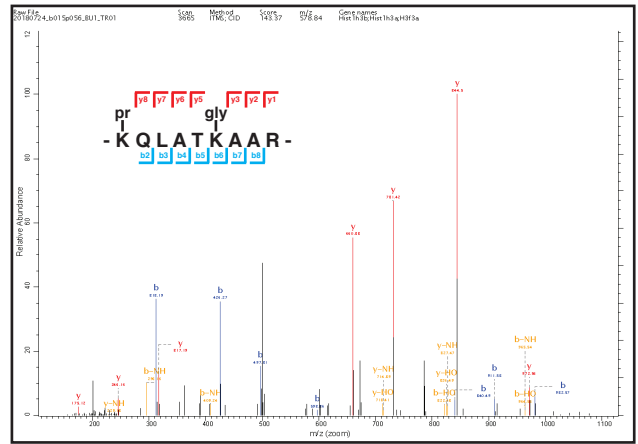
H3K23-Ub



H3K14-Ub



H3K23-Ub



H3K27-Ub

