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Histone H2AX Y142 phosphorylation is a low abundance modification

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Protein Name	Peptide	Modified Seq	Precursor M	Precursor C	Normalise	Product M	Product Ch	Fragment	Losses	Notes
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	195.0877	1	b2		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	358.151	1	b3		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	429.1881	1	b4		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	558.2307	1	b5		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	675.3209	1	y5		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	538.262	1	y4		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	375.1987	1	y3		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	304.1615	1	y2		trypsin-digested
sp P16104 H2AX_HUMAN	GHYAER		366.6748	2	35	175.119	1	y1		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	725.3101	1	y6		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	597.2515	1	y5		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	526.2144	1	y4		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	459.2198	1	b5		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	587.2784	1	b6		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	569.2678	1	b6 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	716.321	1	b7		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY		897.3949	1	35	698.3104	1	b7 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	677.2178	1	y5		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	606.1807	1	y4		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	519.1487	1	y3		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	501.1381	1	y3 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	373.0795	1	y2 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	569.2678	1	b6 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	391.0901	1	y2		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	587.2784	1	b6		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	716.321	1	b7		trypsin-digested
sp P16104 H2AX_HUMAN	ATQASQEY[+80]		977.3612	1	35	698.3104	1	b7 -18	18.0106 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQAS[+80]QEY		977.3612	1	35	879.3843	1	precursor - 97.9769 - H		trypsin-digested
sp P16104 H2AX_HUMAN	ATQAS[+80]QEY		977.3612	1	35	579.2409	1	y5 -98	97.9769 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQAS[+80]QEY		977.3612	1	35	569.2678	1	b6 -98	97.9769 - H	trypsin-digested
sp P16104 H2AX_HUMAN	ATQAS[+80]QEY		977.3612	1	35	796.2873	1	b7		trypsin-digested
sp P16104 H2AX_HUMAN	ATQAS[+80]QEY		977.3612	1	35	698.3104	1	b7 -98	97.9769 - H	trypsin-digested
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	645.3679	1	y6		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	544.3202	1	y5		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	487.2987	1	y4		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	246.1561	1	y2		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	298.1761	1	b2		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	399.2238	1	b3		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	513.2667	1	b5		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	697.3879	1	b6		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		471.772	2	17.9	768.425	1	b7		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	655.3382	1	y6		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	553.2935	1	y5		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	495.275	1	y4		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	437.2565	1	y3		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	251.1412	1	y2		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	301.1672	1	b2		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	403.212	1	b3		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	519.2489	1	b5		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	705.3642	1	b6		Propionylated
sp P16104 H2AX_HUMAN	G[+56]K[+56]TGGK[+5		478.2527	2	17.9	777.3983	1	b7		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	312.1918	1	b2		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	383.2289	1	b3		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	567.3501	1	b4		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	654.3821	1	b5		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	701.4305	1	y5		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	517.3093	1	y4		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	446.2722	1	y3		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	262.151	1	y2		Propionylated
sp P16104 H2AX_HUMAN	A[+56]K[+56]AK[+56]S		414.7505	2	15.9	175.119	1	y1		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	241.1547	1	b1		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	298.1761	1	b2		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	435.235	1	b3		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	598.2984	1	b4		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	669.3355	1	b5		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	798.3781	1	b6		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	732.3424	1	y6		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	675.3209	1	y5		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	538.262	1	y4		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	375.1987	1	y3		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	304.1615	1	y2		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		486.7485	2	18.5	175.119	1	y1		Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER		493.2292	2	18.5	243.1487	1	b1		Propionylated

sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	301.1672	1 b2	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	441.2173	1 b3	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	605.2776	1 b4	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	677.3118	1 b5	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	807.3514	1 b6	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	743.3097	1 y6	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	685.2912	1 y5	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	545.2412	1 y4	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	381.1809	1 y3	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	309.1467	1 y2	Propionylated
sp P16104 H2AX_HUMAN	K[+112.1]GHYAER	493.2292	2	18.5	179.1071	1 y1	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	298.1761	1 b2	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	426.2347	1 b3	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	483.2562	1 b4	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	540.2776	1 b5	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	724.3988	1 b6	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	823.4672	1 b7	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	884.5312	1 y7	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	700.41	1 y6	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	572.3515	1 y5	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	515.33	1 y4	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	458.3085	1 y3	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	274.1874	1 y2	Propionylated
sp Q9BTM1 H2AJ_HUMAN	G[+56]K[+56]QGGK[+5	499.2931	2	18.9	175.119	1 y1	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	241.1547	1 b1	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	298.1761	1 b2	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	412.2191	1 b3	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	575.2824	1 b4	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	646.3195	1 b5	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	775.3621	1 b6	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	709.3264	1 y6	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	652.3049	1 y5	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	538.262	1 y4	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	375.1987	1 y3	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	304.1615	1 y2	Propionylated
sp Q9BTM1 H2AJ_HUMAN	K[+112.1]GNYAER	475.2405	2	18.1	175.119	1 y1	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	298.1761	1 b2	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	426.2347	1 b3	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	483.2562	1 b4	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	540.2776	1 b5	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	724.3988	1 b6	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	795.4359	1 b7	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	856.4999	1 y7	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	672.3787	1 y6	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	544.3202	1 y5	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	487.2987	1 y4	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	430.2772	1 y3	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	246.1561	1 y2	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	485.2774	2	18.4	175.119	1 y1	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	301.1672	1 b2	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	431.2199	1 b3	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	489.2384	1 b4	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	547.2569	1 b5	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	733.3721	1 b6	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	805.4063	1 b7	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	869.4614	1 y7	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	683.3461	1 y6	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	553.2935	1 y5	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	495.275	1 y4	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	437.2565	1 y3	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	251.1412	1 y2	Propionylated
Histone_H2A_type_1-B/E	G[+56]K[+56]QGGK[+5	492.2567	2	18.4	179.1071	1 y1	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	241.1547	1 b1	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	298.1761	1 b2	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	412.2191	1 b3	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	575.2824	1 b4	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	662.3144	1 b5	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	791.357	1 b6	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	725.3213	1 y6	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	668.2998	1 y5	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	554.2569	1 y4	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	391.1936	1 y3	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	304.1615	1 y2	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	483.238	2	18.4	175.119	1 y1	Propionylated

Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	243.1487	1 b1	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	301.1672	1 b2	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	417.2042	1 b3	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	581.2646	1 b4	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	669.2937	1 b5	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	799.3333	1 b6	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	735.2916	1 y6	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	677.2731	1 y5	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	561.2361	1 y4	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	397.1758	1 y3	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	309.1467	1 y2	Propionylated
Histone_H2A_type_1-B/E	K[+112.1]GNYSER	489.2202	2	18.4	179.1071	1 y1	Propionylated