

**Data file 5: Proteins identified by analyzing M849 bladder cancer model untreated (CTR, n=3 biol. rep. x 2 tech. rep.), treated with SNF5-ONA (SNF5-ONA, n=3 biol. rep. x 2 tech. rep.) and treated with SNF5-cpg (SNF5-cpg, n=3 biol. rep. x 2 tech. rep.). Peptide spectrum matches (PSMs) per sample are shown in bold in the last column. Missing values are indicated by a dash. The number of peptides identified in each sample are shown in the last row.**

ID	Accession	Protein Name	Annotations	Untreated (CTR)				Treated (SNF5-ONA)				Treated (SNF5-cpg)				PSM per sample										
				MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS	MS/MS								
B8214	Ax1	Actin, alpha isoform		42	139	95	81	70	77	77	77	70	68	67	61	134	81	118	106	107	107	100	77	71	117	
B8215	Ax2	Actin, alpha isoform		13	47	33	17	12	11	11	11	10	11	10	10	10	10	10	10	10	10	10	10	11	11	10
B8216	Ax3	Actin, alpha isoform		11	37	25	11	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
A8163	Ax4	Actin, alpha isoform		102	348	242	182	170	167	167	155	145	144	99	94	206	166	161	161	161	161	161	100	114	141	140
A8163	Ax5	Actin, alpha isoform		102	348	242	182	170	167	167	155	145	144	99	94	206	166	161	161	161	161	161	100	114	141	140
B8217	Ax6	Actin, alpha isoform		50	164	105	82	74	74	74	64	59	52	46	107	70	64	64	64	64	64	64	100	114	141	140
B8218	Ax7	Actin, alpha isoform		63	209	130	98	89	89	89	74	67	60	53	112	75	68	68	68	68	68	68	100	114	141	140
B8219	Ax8	Actin, alpha isoform		87	283	171	126	114	114	114	97	88	79	70	154	98	89	89	89	89	89	89	100	114	141	140
B8220	Ax9	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	84	100	114	141	140
B8221	Ax10	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	84	100	114	141	140
B8222	Ax11	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8223	Ax12	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8224	Ax13	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8225	Ax14	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8226	Ax15	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8227	Ax16	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8228	Ax17	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8229	Ax18	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8230	Ax19	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8231	Ax20	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8232	Ax21	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8233	Ax22	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8234	Ax23	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8235	Ax24	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8236	Ax25	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8237	Ax26	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8238	Ax27	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8239	Ax28	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8240	Ax29	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8241	Ax30	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8242	Ax31	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8243	Ax32	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8244	Ax33	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8245	Ax34	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8246	Ax35	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8247	Ax36	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8248	Ax37	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8249	Ax38	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8250	Ax39	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8251	Ax40	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8252	Ax41	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8253	Ax42	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8254	Ax43	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8255	Ax44	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8256	Ax45	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8257	Ax46	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8258	Ax47	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8259	Ax48	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8260	Ax49	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8261	Ax50	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8262	Ax51	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8263	Ax52	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8264	Ax53	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8265	Ax54	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8266	Ax55	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8267	Ax56	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8268	Ax57	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100	114	141	140	
B8269	Ax58	Actin, alpha isoform		81	266	160	118	106	106	106	91	82	73	64	141	93	84	84	84	84	84	100				