

Figure 1B source data

Comet assay tail moment_U2OS cells

	Untreated	XL413	HU	XL413 + HU
1	0.966201	0	0.802006	1.947075
2	3.224916	1.69447	8.478817	0.287588
3	1.272945	0.04812	0.172545	2.192302
4	2.186317	0.782956	1.985683	0
5	1.161633	3.47681	1.216049	0.848876
6	1.394004	1.554656	13.78175	0.901136
7	1.247653	1.79761	3.2744	0.017198
8	1.0997	0.746245	0.698397	0
9	1.008595	5.674556	8.272383	0.107384
10	3.348142	1.509997	0.552471	0
11	6.688636	0.249283	2.409308	0.240454
12	1.804285	2.207614	3.539439	1.89897
13	1.454032	0.788064	2.676426	0.026137
14	0.388726	1.039283	1.723498	0.343525
15	0.899736	3.784942	10.41089	0.489255
16	1.13029	7.423656	2.95524	0
17	13.66386	1.774198	0.185609	2.81442
18	0.56526	1.387659	2.198251	4.065642
19	3.587869	2.091955	5.542328	0.351145
20	0.253001	2.044363	1.350074	5.462767
21	1.705256	0.425317	0.038705	0
22	1.401657	0.927257	0.53981	1.012438
23	1.069763	21.06215	1.035059	2.00375
24	2.660051	33.1098	3.954858	1.558363
25	0.064261	0.002899	30.06507	1.733453
26	0	4.135634	1.181016	2.325324
27	2.612595	0.568575	0	1.089986
28	3.424767	1.926964	0	0
29	1.809749	3.156648	0	0.06887
30	1.458056	3.138832	2.76879	3.267815
31	3.346931	0.756133	20.04839	1.149238
32	1.430636	3.739738	2.351318	1.340193
33	3.315915	8.950206	2.301536	2.264191
34	0.07127	19.24938	5.414336	4.86845
35	13.55018	3.336872	0	0.344478
36	0.854422	3.067315	0.658134	0.990406
37	1.570511	0.750075	2.174798	0.075187
38	1.757342	3.208416	21.7427	0
39	0.327735	3.686347	7.333244	0.213784
40	0.693725	2.078264	0.000063	0.192945
41	1.585012	2.382331	4.516827	0.537981

42	1.653442	0	3.912524	1.240372
43	0.42895	0	7.870388	2.031377
44	2.4708	0.966055	15.44772	0
45	1.267494	0.569361	0.679241	0.998658
46	2.147149	2.199466	1.579658	0.432114
47	1.672779	1.192116	35.66779	0.442886
48	0.064892	1.663897	0.272206	2.280821
49	1.564764	1.594086	0.723624	0.608195
50	2.032284	0.503734	0.53703	0
51	5.405722	1.394293	36.78441	0.02691
52	2.70974	0.468735	0.589203	8.517598
53	2.726872	0	4.182276	1.23266
54	3.22309	1.897516	12.91249	5.859618
55	2.818455	8.84526	1.904355	0.518443
56	1.09376	0.526386	0.000016	2.003467
57	0	2.089042	3.839048	1.021367
58	4.595801	0.339192	1.267432	0.496875
59	1.477356	9.107384	20.32072	0.93107
60	0.592312	7.03486	2.857461	0
61	1.755749	1.109303	0.158368	0.091438
62	1.595481	7.398687	1.045334	15.36075
63	0.007451	6.681062	5.615397	0.25209
64	1.038431	4.453417	25.32837	0.25209
65	0.393559	7.55712	0.164959	0.721313
66	0.975014	18.64312	4.475023	0
67	0.213226	0	0	1.363254
68	2.722275	1.402485	0.598968	1.240056
69	1.349036	1.03417	0	2.843892
70	0.581563	2.216467	4.76804	0.349134
71	2.678066	1.286316	4.319828	2.609312
72	0.555412	0.940663	9.597157	0
73	1.845947	3.513559	1.047457	2.101702
74	0.874512	1.364342	3.03658	0.231998
75	1.388178	0.175263	9.874778	0.488454
76	1.389924	0.377588	22.84136	0.071688
77	0.356489	0.346838	17.86697	0.090749
78	5.236015	2.32286	10.06748	0.118643
79	3.714393	1.804581	0.009097	2.870426
80	1.601855	0	0	0.39694
81	14.02612	1.473307	0.907123	0.396726
82	0.601145	0.54162	21.85489	0.884756
83	4.190459	0.524359	7.995608	2.289271
84	0.552341	1.042638	1.758057	0.414496
85	3.368379	1.980055	0.577582	0.551813
86	1.45892	2.751267	0.90613	0

87	0.436976	1.665517	0.626951	0.352997
88	0.964935	2.389171	0.154716	1.78019
89	0.72901	3.617952	2.768037	0
90	0.652205	3.114732	1.783187	0.090302
91	0	1.514384	0.000008	5.097808
92	0	1.749073	1.482105	0.884808
93	0.64986	22.43496	4.320495	0.006962
94	0.059329	1.494292	1.30229	1.593927
95	2.349735	1.729655	0.205425	2.025306
96	2.614693	2.026371	0.290911	0.13087
97	5.309181	3.694337	0.371187	1.881398
98	2.878313	3.190853	2.748845	0
99	1.403744	2.46209	5.036844	3.115324
100	3.512661	0.246041	0	0.662906
101	7.162149	4.570518	12.51289	1.502105
102	0.254966	2.077438	0	1.387777
103	3.86626	2.428323	0.62454	0.474867
104	2.178807	1.828638	11.57891	0
105	0.768551	2.049011	0.925292	0.597058
106	4.480124	3.719926	2.478613	0.880221
107	0	2.363283	0.065266	0.154128
108	10.61433	0.417123	2.426426	0.955811
109	2.123615	1.908505	31.22734	0.082848
110	1.045613	3.439741	0	0.297575
111	8.97971	1.28938	9.345731	0.588329
112	0.562166	2.313963	0.051067	20.03246
113	19.16927	3.220393	7.052266	0
114	0.752366	0.799505	4.55351	2.660791
115	0	1.67816	38.93766	8.374782
116	3.328326	0	16.79873	0.264042
117	0.659255	0.680742	2.53861	1.177767
118	4.724474	0.000831	0	0
119	0	1.068367	8.039712	0
120	2.64319	5.889877	0.768119	0.758933
121	0.127766	2.260917	2.473588	0.203518
122	10.10127	0.734023	0.602188	0.462202
123	7.055136	1.599272	6.164806	3.873871
124	0.811998	2.562893	0	2.781802
125	0.698457	0.852058	17.10447	29.64411
126	3.327198	2.65107	0	1.041286
127	1.976589	1.722412	0.169753	0.157109
128	0.112265	1.428672	17.99892	1.405769
129	1.218279	3.606946	38.94295	0.943325
130	1.24024	1.348418	0	0.604336
131	0.066734	0.970369	15.18147	0.396814

132	1.396175	0.655914	0.000002	0
133	2.304267	0.220879	6.764848	0.12619
134	0.024666	1.030968	1.772014	0
135	2.642143	0.961504	14.45832	0.378246
136	0	0.954279	2.291928	0.00119
137	9.19822	0.586588	0.091512	9.875469
138	5.178263	5.616373	124.4418	2.03165
139	1.056216	0.082475	1.603079	0.404832
140	2.012911	0.700271	0.305018	0
141	2.981127	1.825141	0.467681	0.220618
142	1.011404	5.754851	0.42882	0.529014
143	2.734677	0.046399	0.000072	0.000072
144	1.26837	1.731592	0.317777	5.788861
145	0.783745	0.254264	0.361236	0
146	1.787068	2.331481	4.694512	0.250358
147	2.349024	0.777439	6.270593	0.977537
148	2.244901	1.866132	4.484099	0
149	1.045308	1.818918	3.042764	0.257564
150	1.22509	1.59585	0	0.092132
151	4.370274	0.846649	5.280642	0.256823
152	2.263351	0.971357	2.810489	0
153	1.818882	1.47587	0.2421	0.280868
154	0.021924	1.037476	20.04915	0.184533
155	5.114039	0.555544	50.85767	0.078802
156	9.166088	0.231778	1.260761	1.6597
157	1.521905	1.52205	3.842386	3.146945
158	0	2.374114	0	0.006202
159	2.231289	1.297521	2.724387	0.246385
160	1.830322	0.540659	10.90285	0.545911
161	6.453668	5.413424	31.70561	0.952425
162	1.187207	2.892692	28.91849	0.557879
163	1.014156	0.649579	0	0.55923
164	1.902651	2.96878	0.629019	0.263547
165	0.193856	0.948193	3.173769	0
166	2.048231	2.038522	0.87374	0
167	19.4933	0.34279	0	0.650547
168	2.57785	0.053795	10.96724	16.7937
169	3.491599	1.339293	0.000047	2.531945
170	0.252774	2.037179	3.229534	0.308814
171	0.88476	1.859263	0.925299	0.327982
172	1.221395	1.689069	3.387711	0.626905
173	1.661932	0.813278	16.89245	3.165415
174	22.93633	2.065864	0.221858	0.461425
175	1.860449	2.381785	5.008911	4.018899
176	1.987313	3.03357	0	0.000354

177	0.503438	2.247887	1.403275	0
178	2.016219	0.96779	11.28012	0
179	0.942831	6.795275	3.446451	1.391681
180	1.722999	0.074777	10.06071	0
181	0.966158	2.991383	0.000325	0.348915
182	2.454031	3.299019	0.153562	1.465951
183	5.227227	2.150066	26.81343	0.922268
184	1.367092	0	13.06662	0.277013
185	0.151591	1.622926	6.641535	0
186	0.397041	0.354935	0.184114	0
187	4.179132	0.725134	0	4.275242
188	1.270805	0.897429	0.473913	2.586963
189	1.674058	3.579655	15.30705	0.29911
190	2.145367	2.938259	0	0
191	1.0518	2.751686	9.179023	0
192	2.273943	1.329499	10.7079	0.002252
193	0.094358	2.334443	0	0.000028
194	1.175065	1.915209	23.33231	0
195	3.412372	3.287381	23.73564	2.321047
196	1.853431	0	4.964848	0.375833
197	2.227234	0	1.37207	0.008259
198	4.574844	1.905208	2.843917	0
199	1.257552	2.455227	0.000198	0
200	0.967055	0.694503	12.69691	0.013036
201	0	1.776948	7.044811	0.035401
202	1.06563	1.061245	0.000279	8.633513
203	0.080183	3.842186	2.042322	0.001643
204	3.705985	0	0.016926	1.090758
205	2.24144	0.514214	30.83212	0
206	0	0.695848	0.062958	0
207	3.248479	1.456912	0.07248	0.009089
208	9.204206	1.156669	0.098585	2.768162
209	1.171852	3.105099	1.630738	5.005034
210	1.490033	0.337964	0.313063	0
211	13.23851	0.252876	2.768201	1.417035
212	16.59975	2.120631	0	0.583408
213	0	1.563282	0.779505	2.465831
214	2.874682	0.479015	0	0.363048
215	0.498399	4.617072	6.950522	1.069597
216	2.153677	1.746562	4.781383	0.147549
217	0.35595	0.144788	18.09161	0.276872
218	6.652737	1.751886	1.855352	0.511059
219	38.21971	5.024683	4.674158	0.503532
220	0.962131	0.411552	3.806878	1.338412
221	0.403493	1.511656	0.995087	0

222	1.908457	0.519762	0	0
223	1.154213	7.988925	8.309609	0
224	0.609126	6.410876	3.208052	2.127244
225	1.594757	0.041333	2.868099	0
226	13.90687	0.315706	3.525891	5.917911
227	0.19254	2.649066	0	1.744835
228	0.756902	2.392338	22.52686	0.867716
229	0.861959	1.947729	6.184835	0.14304
230	2.210503	2.444317	1.369659	3.333788
231	1.615795	0	2.548346	0.961683
232	0	1.354487	0.092677	0.556062
233	0.410408	1.15268	0	2.207961
234	1.642734	0.543782	0.191917	0.306835
235	2.576299	1.005428	0	0.942811
236	0.57231	2.511187	6.870595	0.13546
237	3.191527	1.386106	2.679861	0.826894
238	13.64025	1.009246	0.154777	0.064073
239	2.094677	2.139532	0.862911	0
240	0.920524	0.784577	0	0.644345
241	1.259989	1.217464	0.181789	0.214314
242	1.72615	0.676181	0	0.866439
243	2.305162	0.280227	0	8.688371
244	0.507908	6.957728	0.149696	0
245	2.018313	4.33394	0.59936	1.968866
246	2.081231	2.16317	10.89578	1.053514
247	3.191948	2.328834	6.284709	0.838741
248	0.548547	0.018083	2.312788	0.809117
249	1.988536	0.004967	0.000061	0.167569
250	0.434281	1.085923	1.136566	0.186867
251	9.812121	0.481763	3.098034	0.360003
252	0.280759	2.586789	2.396487	0
253	1.165564	1.074763	0.551367	1.013067
254	0.159085	1.283835	3.015499	0.039046
255	1.911954	2.734639	0.000136	0.169469
256	7.732241	1.416388	0	2.333639
257	2.2809	2.5939	14.44681	0.532145
258	0.107303	0	5.993723	0.047428
259	0.291282	5.024481	1.796766	4.491295
260	1.222773	5.838329	9.11079	0.558066
261	3.024667	3.384106	3.409724	4.499353
262	2.274633	0.794498	46.50893	0
263	9.359238	0	10.84015	0
264	0.016464	2.89757	0.231141	0.131495
265	4.621495	1.106954	14.0185	0.157526
266	4.83998	2.666907	2.760794	1.245

267	4.816119	3.252519	0.000002	0
268	3.169911	6.354243	12.25193	1.070195
269	1.660756	3.924084	3.227448	9.996166
270	7.344664	0.133179	9.207932	4.903443
271	1.532419	7.185328	0.213476	3.593478
272	3.881011	0.792187	11.53895	0.210588
273	11.03146	2.464842	0.057627	0.177864
274	0	2.124439	4.241556	1.157668
275	0.892799	1.232004	2.838661	1.803556
276	3.322285	4.466581	1.282629	0
277	1.886248	4.298626	0	1.395826
278	3.313511	0.20761	6.706445	0.113408
279	0.373922	0.001965	15.95119	0.036578
280	0.846677	0.814403	0.596495	0.322263
281	0.448061	1.509409	6.279802	1.192376
282	2.479564	2.031162	0.343249	4.211602
283	1.414863	1.34299	1.650099	0
284	0.574356	1.542035	4.497995	8.574371
285	1.43108	0.061947	6.33722	4.003172
286	1.58472	0.556156	3.91169	0.076507
287	1.724353	0.285512	3.329726	0
288	1.840286	1.271365	0.725957	0.000035
289	0.086678	0.426771	0.841084	0.855747
290	0.353602	2.140943	2.964687	0.327893
291	0.100074	1.276038	8.618521	8.230175
292	5.569058	0.62335	5.476959	0.00001
293	1.542316	0	1.265103	0.482126
294	0.824409	7.026707	9.527028	0.596194
295	3.027397	2.102794	30.81778	0.609987
296	0.928488	1.011178	0.198765	0.61172
297	1.728975	0.999533	3.287259	0.751659
298	1.473142	0.549746	0.74981	8.875171
299	1.858739	2.486338	0	0.056551
300	2.57245	0.993712	1.805689	1.9077
301	4.237649	0.230221	0	0.727203
302	1.265016	0.638556	1.037962	0
303	1.165296	2.055199	2.318686	0
304	0.092824	3.072335	1.203405	1.735609
305	0	6.199544	1.945419	0
306	0.701878	3.472515	0.432122	0
307	2.781074	3.668314	4.345671	0.521067
308	1.051916	1.021521	0.085107	0.972109
309	2.282435	2.941057	11.95613	2.120749
310	0.45581	0.025548	4.695697	2.152009
311	1.971917	2.264278	16.13445	0.540661

312	4.360135	1.285576	0.473123	0
313	2.055934	2.580702	5.903096	0.696386
314	1.159937	0.729041	0.744058	0
315	1.343202	3.343332	3.014933	0.206759
316	0.407209	0.17566	0.600774	0.297711
317	1.239533	0.189193	5.52474	0.153699
318	11.14247	1.687162	76.84817	2.891312
319	4.455798	0	1.174076	1.269889
320	2.037549	3.891907	1.000393	0.481952
321	1.126013	0	6.033703	0.016233
322	0.062134	3.246447	2.015531	0.613411
323	2.244247	1.181121	0.02357	0
324	0	2.224406	1.148483	0.147886
325	0.861509	2.955961	0.049681	2.763032
326	3.260305	2.871844	5.053376	7.516248
327	0.120937	0.378216	0.301248	0.694617
328	1.50886	1.452384	1.565832	0
329	1.174275	0.272336	9.164432	175.6647
330	0.219445	3.359534	2.226538	0.756197
331	0.597934	2.604609	11.07317	10.83819
332	1.129858	1.70969	13.15731	7.719053
333	0.384905	2.750628	0.137539	0.271126
334	1.156114	2.292169	1.563788	0
335	0.332121	2.492634	2.902347	0.451748
336	0.480433	1.062247	2.769483	2.696887
337	2.699338	0.276719	7.035954	1.098603
338	1.713217	4.867143	0.052791	1.269434
339	1.259266	4.859673	3.150525	0
340	0.668229	0.402251	60.61362	12.86485
341	0.080776	2.047708	0	0.619571
342	0	2.489381	0.823086	5.302389
343	2.370874	1.690233	0.528145	0.353765
344	0.362877	1.183891	0.588386	1.598076
345	0	0.410984	0	1.65392
346	0.74027	1.168351	1.537082	0.67656
347	14.37589	1.145658	1.534972	0.690744
348	0.550147	1.927388	4.928602	1.422798
349	32.50685	1.390888	0.130808	0.457213
350	3.021456	2.400426	0.036703	0.668134
351	2.658345	1.801425	0.794914	0.26579
352	1.730327	1.63127	1.366318	1.786122
353	0.963383	5.368588	0	0.484049
354	0.651608	1.174309	26.57725	0.346482
355	1.294256	0.489627	6.097633	3.144901
356	0	2.292539	0.06136	2.765009

357	0.739401	2.381014	10.80638	0
358	1.207531	2.020035	0	0.886835
359	9.093703	1.552032	10.70862	3.869657
360	1.851678	2.785136	0.106158	0
361	0	0.540906	1.699612	0
362	2.483394	1.513747	1.077094	0.15804
363	0.818388	6.976588	0.920971	0
364	0.999481	1.021658	0.093316	0
365	10.53803	4.737379	5.38604	0
366	2.362127	0.207467	1.750614	0.001765
367	0.004384	0	0.822882	5.978426
368	2.588364	1.540764	0	0.429517
369	6.822505	3.006889	5.335003	0.606732
370	0.982553	1.408768	0.071622	0.928164
371	4.352823	2.551917	2.465338	10.97925
372	0.777037	2.220111	7.027366	1.373262
373	0.136879	1.49046	1.605603	0
374	7.641138	1.779695	0.000893	4.869215
375	0.1678	16.7113	1.800803	0
376	4.013798	1.956011	4.305315	0.164007
377	6.856476	0.956355	3.411398	0.433847
378	3.088453	1.671055	1.258921	0.33658
379	1.866732	1.381526	1.38563	0.188543
380	5.884314	0.290742	2.159455	0.238795
381	1.615564	0	13.67221	5.708106
382	1.615773	0	13.73967	5.718017
383	1.616194	0	13.93123	5.747465
384	1.620088	0	14.21589	5.813341
385	1.622971	0	14.34974	5.92521
386	1.630816	0	14.43248	5.933809
387	1.644752	0	14.52661	5.960032
388	1.660469	0	14.53776	5.973911
389	1.664199	0	14.56031	6.029552
390	1.677891	0	14.59297	6.348211
391	1.68497	0	14.60361	6.370281
392	1.693601	0	14.70636	6.445487
393	1.69721	0	14.72581	6.470671
394	1.69723	0	14.80999	6.473341
395	1.697745	0	14.98709	6.523916
396	1.755435	0	15.05917	6.56243
397	1.756609	0	15.19629	6.566415
398	1.793416	0	15.35009	6.591969
399	1.80441	0	15.42521	6.754191
400	1.82347	0	15.48363	6.865752
401	1.845323	0	15.65985	6.87816

402	1.849958	0	15.67128	6.972471
403	1.901487	0	16.07946	7.037363
404	1.930509	0	16.14048	7.10842
405	1.944391	0	16.24113	7.123897
406	1.961668	0	16.26916	7.399467
407	1.979295	0	16.28049	7.461163
408	2.025702	0	16.40346	7.48597
409	2.066158	0	16.51346	7.522762
410	2.073689	0	17.00546	7.533032
411	2.122656	0	17.45297	7.570982
412	2.129549	0	17.50389	7.581108
413	2.131325	0	17.59938	7.600405
414	2.152355	0	17.804	7.722333
415	2.184316	0	17.92639	7.812269
416	2.207038	0	18.07237	7.820808
417	2.333855	0	18.21188	7.946416
418	2.365069	0	18.39197	7.950542
419	2.381035	0	18.64255	8.126759
420	2.439037	0	18.72304	8.28823
421	2.521572	0	19.12922	8.312934
422	2.53803	0	19.58574	8.330563
423	2.568449	0	19.69918	8.391451
424	2.574825	0	19.90891	8.41256
425	2.59015	0	20.76068	8.904538
426	2.638579	0	21.19674	9.070307
427	2.650542	0	21.19956	9.109855
428	2.65254	0	21.42569	9.250245
429	2.884241	0	21.6861	9.290598
430	3.03396	0	21.70771	9.427911
431	3.042793	0	21.92958	9.482862
432	3.059737	0	22.12264	9.599834
433	3.089927	0	22.27921	9.759515
434	3.157048	0	22.82231	10.07438
435	3.440522	0	23.57613	10.1821
436	3.456632	0	23.60781	10.2901
437	3.621224	0	23.74266	10.49813
438	3.718717	0	24.21016	10.52061
439	3.769292	0	24.21866	10.56147
440	3.887092	0	24.49098	10.57067
441	3.888125	0	24.82883	10.59987
442	3.892692	0	25.52049	10.7516
443	3.910921	0	25.66616	10.87073
444	3.939417	0	25.88956	10.91652
445	3.946052	0	27.97141	11.01476
446	4.029166	0	28.44469	11.02559

447	4.460652	0.000002	28.8651	11.345
448	4.467244	0.000002	29.24962	11.45767
449	4.528284	0.000003	29.39916	12.37942
450	4.563902	0.000004	30.35205	12.60208
451	4.752468	0.000005	30.99889	12.69623
452	4.834742	0.000006	31.08709	12.7738
453	4.93928	0.000007	31.40734	13.57324
454	4.961159	0.000009	31.98797	13.86025
455	5.191263	0.00001	32.17831	14.05056
456	5.285679	0.000017	32.94828	14.55381
457	5.355998	0.000026	33.37672	15.54347
458	5.592138	0.000035	33.50549	16.03132
459	5.665144	0.000046	33.57767	16.46384
460	5.921317	0.000053	33.82125	17.30528
461	6.577695	0.000061	35.34196	17.46161
462	7.078222	0.000071	35.40636	18.0166
463	7.261821	0.000095	35.7772	18.29724
464	7.26825	0.000121	39.18341	18.3752
465	7.325541	0.001229	39.26878	19.01922
466	7.377322	0.00278	39.9044	19.05149
467	7.842849	0.003662	40.37405	19.23259
468	8.266786	0.004641	43.84345	21.48838
469	8.292201	0.005735	43.93782	21.6793
470	8.476974	0.00608	44.22784	24.99003
471	8.765271	0.006495	45.80861	25.31709
472	9.430367	0.006807	46.44789	25.6589
473	9.475616	0.011691	46.9887	26.48599
474	9.51832	0.012263	52.35695	27.23297
475	10.82965	0.012852	56.68726	29.07285
476	10.95483	0.014326	62.18774	29.62806
477	11.0996	0.017111	66.73963	29.95816
478	11.90488	0.017317	78.94675	33.32956
479	20.96928	0.020333	79.58339	60.871
480	26.42697	0.022126	102.9902	72.96084
481	67.90919	0.029602	109.1897	0
482	0	2.594806	13.71319	0
483	0	2.643803	0.317427	0
484	0	2.678337	31.88578	0
485	0	2.711824	5.248456	0
486	0	2.716967	12.97991	0
487	0	2.720833	0.42078	0
488	0	2.776197	0.981797	0
489	0	2.812272	1.134808	0
490	0	2.817045	3.934361	0
491	0	2.82337	5.167496	0

492	0	2.831319	0	0
493	0	2.844062	0.332892	0
494	0	2.869404	2.341255	0
495	0	2.94353	7.084705	0
496	0	2.951415	22.47036	0
497	0	3.023498	1.451662	0
498	0	3.033424	0.908028	0
499	0	3.111172	15.38962	0
500	0	3.117901	5.864313	0
501	0	3.130836	2.47466	0
502	0	3.134572	1.158772	0
503	0	3.148207	1.218476	0
504	0	3.159257	5.529702	0
505	0	3.230403	36.95343	0
506	0	3.236349	0.806079	0
507	0	3.252791	4.623528	0
508	0	3.273431	2.679192	0
509	0	3.280474	6.122354	0
510	0	3.287573	0	0
511	0	3.309302	1.382081	0
512	0	3.318902	0.371882	0
513	0	3.335701	0	0
514	0	3.360023	1.928014	0
515	0	3.387348	3.256011	0
516	0	3.436192	0.014064	0
517	0	3.46897	0.163772	0
518	0	3.514411	33.71253	0
519	0	3.522069	1.151772	0
520	0	3.572848	2.891513	0
521	0	3.574055	0.259969	0
522	0	3.598418	1.610473	0
523	0	3.695241	2.115446	0
524	0	3.711522	0.214194	0
525	0	3.73346	0	0
526	0	3.763015	0.310465	0
527	0	3.809959	0.607983	0
528	0	3.836917	0.96115	0
529	0	3.866834	6.198098	0
530	0	3.893181	2.107203	0
531	0	3.895187	0.002585	0
532	0	3.987588	4.836294	0
533	0	3.9988	1.727038	0
534	0	4.121249	31.18619	0
535	0	4.121652	6.453552	0
536	0	4.236448	2.074299	0

537	0	4.316375	0	0
538	0	4.515746	3.494077	0
539	0	4.645809	7.450369	0
540	0	4.827638	0.737696	0
541	0	4.866762	7.996156	0
542	0	4.966439	0.165469	0
543	0	5.00792	0.174348	0
544	0	5.085554	0.60244	0
545	0	5.251812	1.24695	0
546	0	5.342275	5.653338	0
547	0	5.422957	13.57597	0
548	0	5.49003	0.666476	0
549	0	5.501513	1.8604	0
550	0	5.63238	0.363897	0
551	0	5.811923	0.676146	0
552	0	6.012147	0.325023	0
553	0	6.026976	0.226367	0
554	0	6.137846	8.512445	0
555	0	6.163914	0.172175	0
556	0	6.174683	2.211604	0
557	0	6.24824	0.799039	0
558	0	6.262638	6.321317	0.000504
559	0	6.572728	13.4754	0.001189
560	0	6.935209	0.838371	0.002027
561	0	6.951935	13.59439	0.002691
562	0	6.987323	0.037926	0.002744
563	0	7.510114	0.968912	0.004536
564	0	7.828604	1.081952	0.004873
565	0	8.293586	8.165104	0.006078
566	0	8.593862	0	0.011602
567	0	8.908294	0.018757	0.012301
568	0	9.411071	0.545756	0.013463
569	0	9.725566	29.83507	0.018123
570	0	10.10386	55.36219	0.01899
571	0	10.60479	4.939885	0.019047
572	0	11.20024	4.031281	0.021245
573	0	11.42357	9.537807	0.022274
574	0	11.73616	1.482642	0.022279
575	0	13.08389	0.710719	0.022615
576	0	15.91692	5.814776	0.023848
577	0	18.10442	14.75763	0.028834
578	0.000024	18.48084	26.72179	0.030173
579	0.007942	18.93353	1.782249	0.034024
580	0.011993	19.2903	5.601457	0.037711
581	0.015094	38.20158	1.684967	0.040404

582	0.01523	68.68366	0.911103	0.046112
583	0.2076	1.066695	3.780789	0.048389
584	0.213476	0.594848	12.11846	0.050069
585	0.214506	0.598116	0.100251	0.052407
586	0.214628	0.598556	5.77666	0.052943
587	0.215701	0.599534	10.32398	0.054394
588	0.219067	0.604772	4.662205	0.06185
589	0.221194	0.607752	2.430649	0.062239
590	0.222472	0.609514	2.021326	0.064708
591	0.222493	0.611371	1.544365	0.065541
592	0.223069	0.615645	0.241879	0.073936
593	0.224924	0.617186	1.898699	0.076705
594	0.226	0.619222	0.303325	0.081121
595	0.227699	0.624457	0.526721	0.081838
596	0.231568	0.624951	4.376374	0.090873
597	0.23165	0.625955	0.007146	0.09294
598	0.233033	0.627119	24.04965	0.095976
599	0.234983	0.63067	0	0.09627
600	0.239389	1.135341	0.021514	0.096775
601	0.244034	1.145743	11.10003	0.100958
602	0.246306	1.150044	6.118797	0.101492
603	0.246308	1.159547	0.462607	0.108027
604	0.24649	1.165321	1.588721	0.114743
605	0.250732	1.167788	4.961691	0.118212
606	0.253061	1.173562	0.224337	0.124128
607	0.255824	1.174872	0.275382	0.127366
608	0.257082	1.18466	1.570129	0.129043
609	0.259211	1.189868	0	0.129461
610	0.25983	1.194772	0.382574	0.132661
611	0.260584	1.199706	3.859997	0.137493
612	0.266899	1.201039	0.841806	0.143109
613	0.269459	1.203989	0.559327	0.146233
614	0.270051	1.204353	0.221073	0.147697
615	0.270512	1.206742	6.888356	0.153108
616	0.272837	1.208118	0	0.158869
617	0.273327	1.214027	5.122329	0.163842
618	0.274231	1.218216	0.693085	0.164564
619	0.275569	1.219678	0	0.166894
620	0.276751	1.220736	5.161425	0.167379
621	0.280438	1.225152	4.569445	0.173294
622	0.280925	1.226982	1.447587	0.177861
623	0.280988	1.241345	1.804535	0.184013
624	0.283531	1.241611	0.741421	0.186613
625	0.285918	1.249982	0.525652	0.187121
626	0.297068	1.251743	8.597604	0.193567

627	0.297134	1.254859	0	0.197798
628	0.298895	1.255913	10.97642	0.198864
629	0.300569	1.256962	0.147884	0.200795
630	0.304857	1.266422	3.503783	0.211013
631	0.305667	1.270183	1.90726	0.213657
632	0.306	1.272142	0.763024	0.21906
633	0.307091	1.288697	9.237228	0.222653
634	0.307537	1.30102	0.63348	0.228331
635	0.310534	1.301367	2.69892	0.229706
636	0.311659	1.305499	3.715692	0.231592
637	0.31381	1.307517	3.244883	0.232427
638	0.315054	1.308509	1.744554	0.234312
639	0.316719	1.311496	0.294217	0.237243
640	0.319325	1.312856	2.171165	0.237369
641	0.319581	1.321737	4.940927	0.243973
642	0.32119	1.325336	0.123509	0.246192
643	0.329083	1.328086	0.388311	0.247894
644	0.330116	1.340565	2.136634	0.249692
645	0.330297	1.340649	0	0.251068
646	0.330351	1.341889	4.854532	0.252932
647	0.330968	1.34487	9.869998	0.254909
648	0.33259	1.345994	7.745328	0.264524
649	0.335534	1.35659	0	0.26872
650	0.337984	1.371553	9.775977	0.270783
651	0.33822	1.373944	1.405599	0.271342
652	0.339913	1.387341	0.120616	0.276332
653	0.341993	1.396317	0.814936	0.280191
654	0.342216	1.408077	2.356825	0.280362
655	0.346145	1.424558	0.532941	0.281364
656	0.346318	1.424778	2.490797	0.283506
657	0.347583	1.428779	5.279267	0.284186
658	0.348516	1.448631	12.67731	0.287262
659	0.349056	1.450993	0.514323	0.287561
660	0.349171	1.451567	2.174294	0.288132
661	0.350254	1.462565	1.196895	0.288357
662	0.350899	1.468107	0.9853	0.290494
663	0.351103	1.472178	1.278146	0.297044
664	0.352657	1.47665	8.717086	0.306076
665	0.355569	1.480988	0.861648	0.308208
666	0.358459	1.48366	1.082021	0.30851
667	0.35893	1.484142	7.135645	0.310063
668	0.359418	1.496645	4.293584	0.312872
669	0.360008	1.498078	0.390448	0.316298
670	0.362888	1.498386	0.572036	0.318081
671	0.364145	1.509673	4.015563	0.321003

672	0.36419	1.512694	0.635837	0.323432
673	0.365209	1.51309	15.85614	0.327647
674	0.372117	1.516379	0.626238	0.337242
675	0.373074	0.888164	0.001448	0.338053
676	0.374956	0.889099	0.59028	0.338149
677	0.37696	0.889123	0.799039	0.346246
678	0.37718	0.905471	1.521359	0.355521
679	0.381734	1.541278	4.783971	0.355884
680	0.382791	1.550602	4.276132	0.362962
681	0.387401	1.555413	0.48607	0.714173
682	0.390045	1.562024	1.414693	0.715113
683	0.390328	1.567213	56.13548	0.716721
684	0.608477	0.042093	1.567799	0.720901
685	0.6086	0.042139	0.010349	0.722461
686	0.614631	0.044848	1.953454	0.725404
687	0.616669	0.046402	4.720747	0.726987
688	0.617245	0.046485	24.06427	0.728572
689	0.618951	0.047594	0.738644	0.731244
690	0.619087	0.048242	0.079697	0.731866
691	0.61967	0.049055	3.509451	0.733815
692	0.621414	0.049376	2.579462	0.734427
693	0.621417	0.055482	0.343044	0.742388
694	0.630453	0.056507	3.707015	0.74408
695	0.631539	0.076029	2.403368	0.75574
696	0.635039	0.076949	1.936667	0.756194
697	0.635586	0.078563	3.798011	0.761026
698	0.643826	0.07918	9.686873	0.762179
699	0.650966	0.079218	6.891528	0.763159
700	0.651027	0.079606	2.294075	0.76337
701	0.656725	0.081932	1.79357	0.771987
702	0.657782	0.081983	10.09048	0.77274
703	0.659127	0.086564	0	0.792051
704	0.660188	0.124434	0	0.795281
705	0.663187	0.125835	0.966249	0.810489
706	0.66796	0.127281	2.10252	0.812748
707	0.668431	0.128273	1.712965	0.8155
708	0.679077	0.12992	0.990305	0.817435
709	0.681094	0.130423	1.51669	0.817755
710	0.682004	0.131198	2.178466	0.822393
711	0.684258	0.142188	9.155872	0.827398
712	0.686499	0.143805	8.537186	0.827983
713	0.691655	0.145088	19.48554	0.832566
714	0.693728	0.146086	23.64235	0.836369
715	0.699808	0.21474	31.90509	0.84643
716	0.702876	0.215675	0.57351	0.849032

717	0.706701	0.217714	4.436879	0.849536
718	0.708978	0.220227	0.067738	0.851953
719	0.709095	0.223031	0.370947	0.8582
720	0.70922	0.224271	0.002536	0.863268
721	0.710658	0.22538	13.11056	0.866278
722	0.711035	0.233871	5.382293	0.876706
723	0.711828	0.234341	0.129833	0.878521
724	0.713741	0.234393	3.5767	0.880124
725	0.714592	0.234825	1.016424	0.885898
726	0.716321	0.235839	5.248575	0.890683
727	0.716536	0.237905	3.589245	0.893265
728	0.71946	0.239846	6.722868	0.895108
729	0.719463	0.310364	0.048027	0.895296
730	0.720215	0.310853	1.975014	0.901169
731	0.722134	0.314585	7.193093	0.901936
732	0.724108	0.315804	34.48398	0.905438
733	0.725193	0.31661	9.9519	0.9068
734	0.7295	0.316797	2.029839	0.907832
735	0.734451	0.32254	4.2648	0.923719
736	0.735975	0.323306	0.165191	0.928799
737	0.736441	0.323322	0.43557	0.929238
738	0.73791	0.325116	0	0.929515
739	0.742884	0.32568	0.13907	0.931342
740	0.747281	0.330734	1.796212	0.932915
741	0.749258	0.331884	18.328	0.938081
742	0.751588	0.334538	4.328718	0.938623
743	0.75224	0.338287	2.001578	0.945025
744	0.752368	0.341052	117.4194	0.946583
745	0.753748	0.350112	0.313445	0.947512
746	0.755249	0.35401	9.587405	0.951122
747	0.757316	0.359324	1.273074	0.952582
748	0.757722	0.402782	0.356311	0.956098
749	0.761915	0.403156	2.460556	0.958029
750	0.764765	0.404035	6.263782	0.959054
751	0.768142	0.405073	0.685451	0.969185
752	0.772093	0.405749	6.680782	0.969643
753	0.77222	0.408864	4.166165	0.969875
754	0.772684	0.409503	1.421821	0.970567
755	0.773611	0.412781	0.581888	0.972037
756	0.774035	0.412981	0	0.990316
757	0.783822	0.413733	2.120028	0.993869
758	0.785128	0.418214	3.306174	0.99981
759	0.785841	0.419627	1.128294	1.006519
760	0.794398	0.420724	0.045414	1.008805
761	0.794484	0.423377	3.533099	1.019098

762	0.796058	0.423413	1.389176	1.019283
763	0.796736	0.424264	0.036729	1.020964
764	0.79787	0.428139	4.90206	1.023954
765	0.801005	0.430248	0.186703	1.025234
766	0.805753	0.430258	1.696488	1.026661
767	0.809084	0.432733	3.604919	1.027902
768	0.809816	0.433598	1.212598	1.030788
769	0.817307	0.435354	26.67655	1.049118
770	0.823869	0.438604	3.375489	1.063161
771	0.827582	0.43962	3.440702	1.064241
772	0.827785	0.443749	2.023757	1.065189
773	0.831407	0.448163	21.06509	1.071403
774	0.83436	0.451807	0.425692	1.077471
775	0.837282	0.452585	2.535985	1.078112
776	0.838645	0.456421	2.353545	1.079112
777	0.838859	0.463625	0.076557	1.081713
778	0.839453	0.472874	1.006695	1.083047
779	0.839908	0.476209	0.003414	1.095486
780	0.842744	0.476801	12.92868	1.099277
781	0.844191	0.479436	3.547053	1.102481
782	0.845023	0.483431	0.823217	1.103245
783	0.847204	0.48391	0.530253	1.105345
784	0.847737	0.485177	15.4354	1.113569
785	0.853015	0.485302	28.40264	1.127036
786	0.863748	0.491264	9.826236	1.135271
787	0.864928	0.493927	0.135907	1.142383
788	0.865365	0.496751	0.170254	1.14982
789	0.865491	0.497129	0.367055	1.151713
790	0.866442	0.497231	5.664783	1.165386
791	0.867367	0.497991	3.553856	1.167122
792	0.867682	0.499032	2.13147	1.169816
793	0.870984	0.499896	10.28248	1.179025
794	0.871676	0.501792	2.088975	1.186134
795	0.873829	0.51052	0.640558	1.186345
796	0.87641	0.51348	5.392857	1.199062
797	0.879424	0.513702	1.341257	1.200133
798	0.882394	0.515416	0.770067	1.209922
799	0.882599	0.517889	1.042826	1.217456
800	0.882982	0.518149	3.106896	1.221105
801	0.88661	0.519791	6.414501	1.226251
802	0.88905	0.522938	2.792062	1.232328
803	0.899615	0.527623	1.197232	1.235918
804	0.905881	0.528473	4.547339	1.275973
805	0.908378	0.541698	0	1.286464
806	0.908439	0.546208	9.71509	1.286925

807	0.908774	0.548992	0.486174	1.297534
808	0.908784	0.550313	80.65885	1.30279
809	0.910846	0.550798	1.423827	1.308296
810	0.912291	0.551029	0.191322	1.315397
811	0.917428	0.551046	14.20318	1.317296
812	0.918227	0.5532	2.520651	1.317766
813	0.918314	0.561437	0.247532	1.320497
814	0.923018	0.561745	5.376342	1.329098
815	0.928763	0.568209	0.321271	1.331455
816	0.935263	0.574519	0.987103	1.33411
817	0.936114	0.577184	12.13302	1.342142
818	0.937437	0.587514	1.077517	1.360999
819	0.942078	0.588454	29.65087	1.371962
820	0.943341	0.591073	5.986434	1.374879
821	0.948256	0.592993	13.82863	1.375556
822	0.948697	0.593324	3.491429	1.38743
Mean	1.98	2.05	8.21	2.64

Figure 1C
Source data

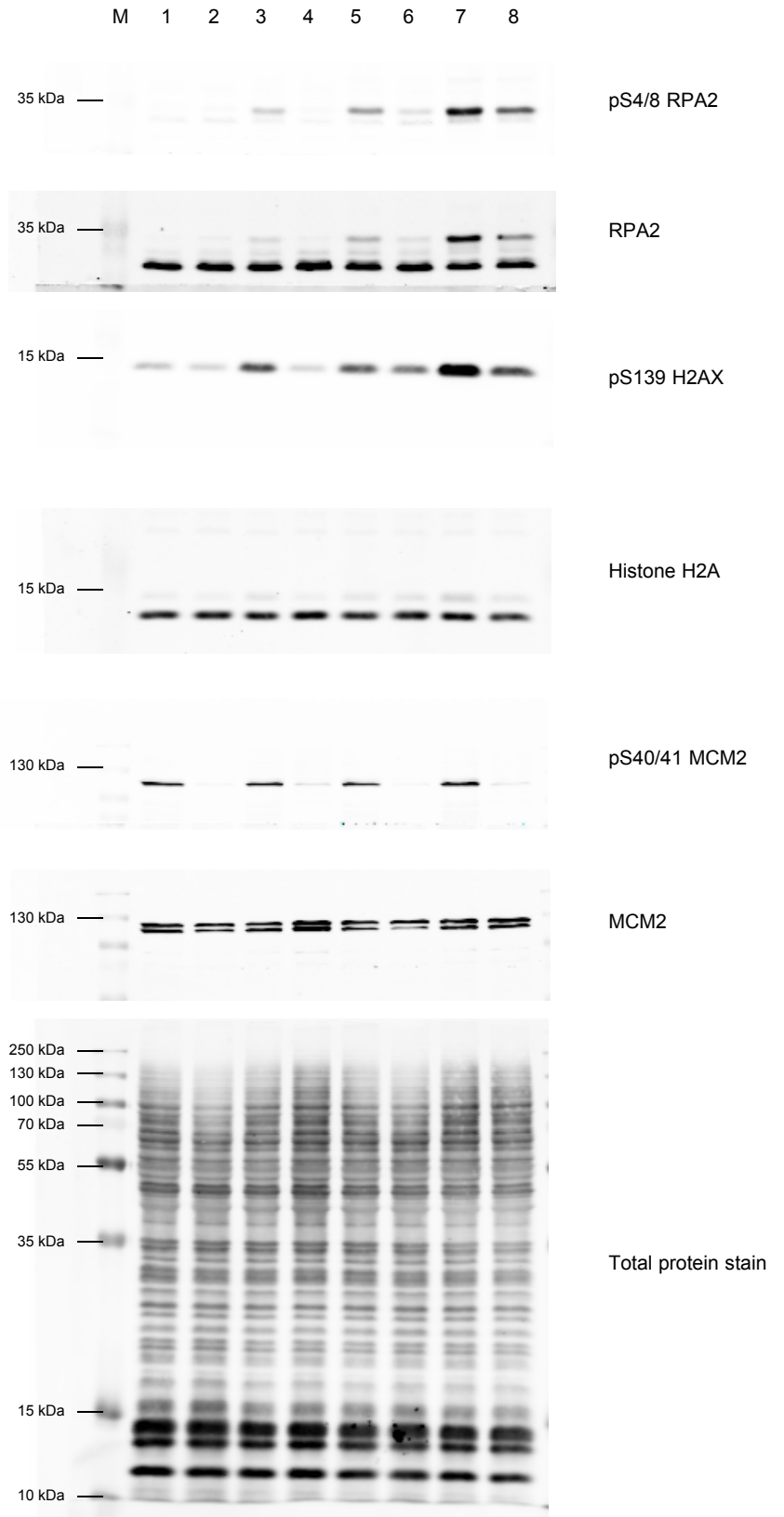


Figure 1D
Source data

