

Additional file 3 Comet Assay Raw Data.

Individual data relative to comet assay. For each donor data are shown before (T0) and after (T1) placebo or IDN 5933 administration.

Code number	<i>Treatment group: Placebo (0) IDN 5933 (1)</i>	<i>Blood sampling</i>	Tail- Length	% TI	Tail Moment	% hedgehogs	<i>Blood sampling</i>	Tail- Length	% TI	Tail Moment	% hedgehogs
5RT	0	T0	5.72	3.99	2.74	5.13	T1	19.02	16.79	10.58	4.91
30ST	0	T0	12.93	9.05	6.36	8.92	T1	3.20	2.58	1.72	0.00
32ST	0	T0	9.32	7.86	5.32	3.77	T1	2.85	1.80	1.07	0.59
33ST	0	T0	7.48	5.72	3.78	3.90	T1	2.54	1.40	0.80	0.00
35ST	0	T0	12.48	10.54	6.29	0.63	T1	7.64	7.19	4.28	1.25
38ST	0	T0	8.14	6.60	4.14	2.45	T1	4.23	2.92	2.01	0.00
39ST	0	T0	6.09	5.90	3.89	1.92	T1	2.59	1.76	0.84	2.61
44ST	0	T0	6.17	4.77	3.23	2.53	T1	10.94	7.52	5.78	0.00
53MT	0	T0	6.68	5.48	3.19	1.85	T1	16.19	12.07	7.30	6.54
55MT	0	T0	13.55	9.79	7.32	5.77	T1	13.36	10.42	6.49	6.71
59MT	0	T0	20.94	14.09	9.22	2.56	T1	17.08	13.56	9.14	3.73
63MT	0	T0	9.53	5.67	3.35	1.85	T1	9.37	6.49	4.01	0.64
65MT	0	T0	10.42	5.66	3.43	4.46	T1	14.02	10.75	6.63	8.39
67MT	0	T0	14.49	14.43	8.94	4.58	T1	13.22	11.60	6.67	0.63
70MT	0	T0	6.80	4.93	3.11	0.00	T1	3.75	2.06	1.21	3.16
72MT	0	T0	11.54	8.39	6.00	5.84	T1	6.31	3.89	2.41	3.95
74MT	0	T0	19.58	17.69	11.11	4.97	T1	8.45	6.27	3.61	2.55
75MT	0	T0	19.63	11.89	8.20	5.16	T1	16.34	9.08	5.43	6.41
77MT	0	T0	13.08	9.55	6.39	2.42	T1	11.79	8.01	5.35	5.88
78MT	0	T0	7.38	4.10	2.09	2.50	T1	9.72	7.04	4.42	3.90
1RT	1	T0	6.02	5.03	2.76	3.21	T1	9.27	6.99	4.05	4.35
10RT	1	T0	12.05	10.10	6.73	9.15	T1	17.48	15.73	9.81	4.38
11RT	1	T0	5.71	4.34	2.68	3.75	T1	6.41	4.83	2.59	3.77
13RT	1	T0	15.02	11.54	6.90	4.52	T1	15.25	12.06	8.06	14.19
14RT	1	T0	4.44	3.62	2.09	4.40	T1	15.97	13.01	7.88	8.39
25ST	1	T0	4.98	3.98	2.05	3.59	T1	1.22	0.63	0.26	1.20
28ST	1	T0	3.32	2.16	1.32	3.07	T1	1.64	0.94	0.45	0.00
29ST	1	T0	16.62	14.74	9.40	7.50	T1	4.56	2.81	2.33	2.45
36ST	1	T0	5.51	3.44	2.33	4.38	T1	2.41	1.59	0.91	1.23
37ST	1	T0	2.44	1.19	0.69	1.31	T1	2.81	1.27	0.69	1.30
40ST	1	T0	8.63	8.72	5.52	1.27	T1	8.07	6.41	3.76	0.65
42ST	1	T0	8.58	4.23	2.26	1.23	T1	2.73	1.64	0.69	0.00
43ST	1	T0	17.67	14.55	9.29	3.73	T1	3.87	2.19	0.95	0.00
51MT	1	T0	6.09	4.42	2.68	0.65	T1	2.75	1.75	0.77	1.94

52MT	<i>l</i>	<i>T0</i>	10.64	6.07	3.99	3.90	<i>T1</i>	10.92	10.76	5.44	2.58
54MT	<i>l</i>	<i>T0</i>	16.83	11.86	8.07	3.21	<i>T1</i>	12.97	9.53	6.53	1.92
56MT	<i>l</i>	<i>T0</i>	5.13	3.23	1.72	0.64	<i>T1</i>	7.26	5.42	3.50	2.55
60MT	<i>l</i>	<i>T0</i>	18.07	15.94	10.55	5.92	<i>T1</i>	9.66	6.43	3.91	2.60
61MT	<i>l</i>	<i>T0</i>	7.34	3.65	2.20	3.03	<i>T1</i>	8.23	3.34	1.64	0.66
62MT	<i>l</i>	<i>T0</i>	10.23	6.69	4.19	2.56	<i>T1</i>	11.62	7.59	4.60	3.95
66MT	<i>l</i>	<i>T0</i>	5.84	3.86	2.77	1.22	<i>T1</i>	10.81	8.19	5.33	1.94
68MT	<i>l</i>	<i>T0</i>	21.19	19.01	12.39	1.99	<i>T1</i>	9.01	6.66	4.05	1.90
71MT	<i>l</i>	<i>T0</i>	4.22	2.18	1.51	3.85	<i>T1</i>	8.58	4.56	2.77	2.44
73MT	<i>l</i>	<i>T0</i>	10.53	7.63	4.74	4.35	<i>T1</i>	11.19	10.03	5.85	7.45
76MT	<i>l</i>	<i>T0</i>	8.90	4.74	2.62	3.75	<i>T1</i>	12.86	7.82	4.25	4.91
79MT	<i>l</i>	<i>T0</i>	10.13	6.79	4.47	2.60	<i>T1</i>	4.73	2.67	1.85	1.30
80MT	<i>l</i>	<i>T0</i>	13.35	8.54	5.77	2.60	<i>T1</i>	10.58	8.08	4.74	4.38