

Figure 1

Figure 1-P		
Axonal Segment Length(5 dpi)-Frequency(%)		
Axonal Sd	Saline	AA
0	0	0
5	0	0
10	4.571429	18.28572
15	18.85714	32.57143
20	23.42857	28.57143
25	16.57143	9.714286
30	11.42857	6.285714
35	10.28571	2.857143
40	7.428571	1.142857
45	4.571429	0.5714286
50	2.285714	0
55	0.5714286	0

Figure 1-P		
Axonal Segment Length(5 dpi)(µm)		
Saline	AA	
6.338	6.056	
7.137	6.242	
8.138	6.384	
8.46	6.561	
8.579	6.638	
8.814	6.733	
9.028	7.137	
9.642	7.348	
10.503	7.503	
10.093	7.57	
10.106	7.587	
10.144	7.899	
10.206	7.98	
10.836	7.98	
11.103	7.98	
11.103	7.98	
11.103	8.075	
11.285	8.215	
11.285	8.354	
11.285	8.579	
11.285	8.579	
11.782	8.579	
11.996	8.579	
12.112	8.579	
12.112	8.624	
12.196	8.683	
12.206	8.814	
12.206	9.589	
12.279	9.602	
12.372	9.602	
12.372	9.708	
12.657	9.708	
12.657	9.915	
12.867	10.093	
13.121	10.093	
13.121	10.106	
13.121	10.156	
13.121	10.206	
13.131	10.598	
13.276	10.61	
13.626	10.706	
13.636	10.789	
13.71	11.206	
14.131	11.285	
14.14	11.508	
14.212	11.519	
14.636	11.607	
14.636	11.618	
14.67	11.706	
14.945	11.706	
15.149	11.996	
15.174	12.112	
15.547	12.112	
15.547	12.154	
15.645	12.936	
15.653	12.975	
15.718	12.975	
15.847	13.121	
16.031	13.121	
16.15	13.121	
16.181	13.181	
16.306	13.276	
16.654	13.362	
16.685	13.438	
16.844	13.589	
17.166	13.626	
17.166	13.636	
17.189	13.858	
17.226	13.985	
17.271	14.131	
17.779	14.131	
18.175	14.14	
18.196	14.14	
18.673	14.14	
18.7	14.248	
18.7	14.452	
18.782	14.636	
18.917	14.644	
19.104	14.67	
19.204	14.696	
19.682	14.714	
19.785	14.774	
19.965	14.851	
20.092	15.14	
20.187	15.174	
20.193	15.174	
20.413	15.216	
20.543	15.216	
20.79	15.274	
21.184	15.349	
21.196	15.349	
21.346	15.448	
21.489	15.547	
21.701	15.645	
21.701	15.645	
21.701	15.669	
21.701	15.677	
21.795	15.775	
22.211	15.775	
22.229	15.847	
22.297	16.15	
22.349	16.345	
22.4	16.501	
23.017	16.654	
23.22	16.654	
23.264	16.662	
23.655	16.708	
23.768	17.025	
24.23	17.137	
24.481	17.159	
24.646	17.159	
24.75	17.189	
25.234	17.226	
25.639	17.277	
25.639	17.402	
26.243	17.424	
26.287	17.656	
26.33	17.721	
26.417	17.843	
26.79	17.886	
26.824	18.168	
26.824	18.231	
26.866	18.238	
26.919	18.238	
26.98	18.37	
27.252	18.673	
27.271	18.727	
27.55	18.727	
27.628	18.843	
28.262	19.004	
29.814	19.004	
29.844	19.024	
30.348	19.104	
30.385	19.178	
30.486	19.178	
31.326	19.481	
31.798	19.682	
32.303	19.74	
32.315	19.785	

Figure1-Q			
Myelin Segment Length(5 dpi)-Frequency(%)			
Myelin S	Saline	AA	
0	0	0	0
5	0	0	0
10	1.530612	6.730769	
15	4.591837	14.42308	
20	13.26531	17.30769	
25	17.34694	22.11539	
30	21.93878	16.82692	
35	13.77551	11.05769	
40	9.183674	5.769231	
45	7.142857	2.884615	
50	3.061224	1.442308	
55	3.061224	0.9615384	
60	2.55102	0.4807692	
65	2.040816		
70	0.5102041		

Figure 1-Q		
Myelin Segment Length(5 dpi)(µm)		
Saline	AA	
23.655	18.508	
23.912	18.688	
24.151	18.856	
24.23	19.184	
24.272	19.204	
24.729	19.204	
25.234	19.237	
25.234	19.294	
25.254	19.343	
25.279	19.598	
25.555	19.682	
25.555	19.83	
25.743	19.843	
25.758	20.244	
25.98	20.288	
26.228	20.319	
26.243	20.344	
26.243	20.344	
26.248	20.845	
26.262	20.912	
26.287	21.196	
26.364	21.226	
26.552	21.25	
26.767	21.25	
26.79	21.25	
27.252	21.577	
27.257	21.677	
27.628	21.707	
27.628	21.707	
27.762	21.865	
27.771	21.911	
27.798	22.206	
28.09	22.211	
28.262	22.211	
28.266	22.287	
28.482	22.349	
28.482	22.665	
28.802	22.733	
28.806	22.8	
28.806	22.85	
28.837	22.889	
28.925	22.983	
29.297	22.983	
29.427	23.017	
29.483	23.066	
29.505	23.215	
29.548	23.303	
29.793	23.563	
29.929	23.72	
30.048	23.725	
30.28	23.757	
30.364	23.788	
30.785	24.224	
30.822	24.224	
31.29	24.266	
31.326	24.413	
31.549	24.481	
31.549	24.481	
32.275	24.734	
32.299	25.46	
32.299	25.48	
32.303	25.743	
32.773	25.817	
33.27	25.862	
33.312	25.862	
33.343	26.053	
33.817	26.262	
33.847	26.321	
33.873	26.345	
34.318	26.523	
34.351	26.748	
34.377	26.79	
34.451	26.824	
34.554	27.257	
34.914	27.257	
34.914	27.271	
35.001	27.389	
35.056	27.457	
35.557	27.665	
35.864	27.716	
36.522	27.762	
36.841	28.153	
36.872	28.235	
37.336	28.266	
37.349	28.374	
37.513	28.549	
37.563	28.802	
38.105	29.048	
38.355	29.535	
39.368	29.621	
39.445	29.703	
39.828	29.746	
39.898	29.79	
39.92	29.862	
40.326	30.28	
40.377	30.548	
40.386	30.822	
40.386	31.094	
40.402	31.118	
40.754	31.391	
40.879	31.794	
41.888	31.798	
42.133	31.798	
42.909	32.192	
42.945	32.492	
43.909	32.862	
43.909	32.866	
44.414	32.901	
45.018	33.051	
45.018	33.343	
45.423	33.446	
46.433	33.453	
47.463	33.556	
48.264	33.828	
50.782	34.176	
51.132	34.881	
51.487	34.954	
52.069	35.056	
54.059	35.457	
55.197	36.508	
56.028	36.522	
56.293	36.841	
56.634	36.855	
57.404	37.349	
59.56	38.474	
60.058	38.686	
61.074	39.377	
63.717	39.59	
64.254	39.872	
72.011	40.377	
99.421	41.494	
	43.087	
	43.909	
	44.196	
	44.927	
	51.221	
	62.093	
	67.694	

Figure 1-R			
Axonal Segment Length(8 dpi)-Frequency(%)			
Axonal Sd	Saline	AA	
0	0	0	0
5	1.744186	9.82669	
10	27.32558	57.22543	
15	40.11628	24.27746	
20	17.44186	6.358381	
25	8.139535	2.312139	
30	2.906977		
35	2.325581		

Figure 1-R		
Axonal Segment Length(8 dpi)(µm)		
Saline	AA	
3.533	3.385	
4.069	3.533	
4.57	3.533	
5.435	3.533	
5.459	3.533	
5.551	3.569	
5.574	3.674	
6.384	3.942	
6.503	4.037	
6.561	4.069	
6.561	4.312	
6.638	4.514	
6.638	4.542	
6.864	4.542	
6.864	4.653	
7.065	4.761	
7.083	4.788	
7.137	5.047	
7.137	5.047	
7.226	5.072	
7.226	5.196	
7.348	5.269	
7.587	5.459	
7.637	5.551	
7.703	5.551	
7.72	5.574	
7.835	5.574	
8.075	5.642	
8.138	5.754	
8.46	5.754	
8.579	6.056	
8.594	6.056	
8.594	6.077	
8.639	6.098	
8.639	6.14	
8.814	6.14	
8.814	6.14	
9.084	6.242	
9.084	6.242	
9.098	6.242	
9.098	6.242	
9.098	6.384	
9.098	6.384	
9.14	6.463	
9.428	6.463	
9.522	6.463	
9.575	6.561	
9.602	6.561	
9.799	6.561	
9.915	6.561	
10.093	6.638	
10.106	6.771	
10.106	6.771	
10.144	6.79	
10.293	6.864	
10.392	7.029	
10.404	7.065	
10.538	7.065	
10.598	7.083	
10.61	7.137	
10.61	7.226	
10.61	7.348	
10.706	7.451	

33.051	19.965
33.495	20.212
33.768	20.319
33.813	20.344
34.188	20.494
34.321	20.593
35.385	20.808
35.385	21.009
35.417	21.707
35.864	21.911
36.841	22.257
36.845	22.716
37.257	22.716
37.431	22.85
41.383	23.264
42.441	24.272
42.48	24.61
44.961	24.729
46.945	25.234
55.03	25.758
	25.916
	25.98
	26.417
	26.647
	28.423
	29.271
	29.31
	29.483
	29.78
	30.285
	30.289
	31.97
	31.99
	32.335
	36.996
	41.411
	44.551
	49.388

68.734

17.189	11.911
17.189	11.964
17.189	11.996
17.519	11.996
17.843	12.154
17.843	12.206
18.091	12.206
18.28	12.465
21.707	12.617
18.843	13.102
19.689	13.247
20.244	13.247
20.808	13.589
21.196	13.784
21.292	14.077
21.298	14.221
21.346	14.354
22.236	14.566
22.671	14.851
22.71	14.945
22.733	15.056
23.215	15.14
23.215	15.847
23.72	16.039
24.245	16.686
25.234	17.025
26.321	17.262
27.271	17.277
28.28	17.606
28.784	18.557
30.289	18.917
31.326	22.211
32.866	23.784
34.266	23.992
	23.992

17.166	14.131
17.166	14.14
17.189	14.167
17.226	14.212
17.262	14.363
17.277	14.566
17.277	14.843
17.519	15.056
17.619	15.182
17.726	15.274
17.843	15.547
17.921	15.653
18.231	15.669
18.28	15.847
18.673	15.935
18.734	16.723
18.734	16.776
18.734	16.844
18.782	17.077
18.782	17.166
19.217	17.226
19.343	17.262
19.343	17.424
19.343	17.424
19.481	18.238
19.785	18.28
20.187	18.673
20.716	18.7
20.716	18.7
20.747	18.734
20.845	18.734
20.912	19.184
21.009	19.343
21.196	19.415
21.202	19.494
21.202	19.914
21.707	21.911
21.724	22.665
21.911	22.822
21.911	23.017
22.257	23.061
22.71	24.151
22.8	24.929
23.237	26.053
23.237	26.819
23.303	27.48
23.303	30.486
23.335	30.49
23.482	33.37
23.981	33.768
24.224	
24.23	
24.308	
24.481	
24.734	
24.75	
24.75	
25.535	
25.743	
25.916	
26.287	
26.441	
26.919	

Figure 2

Figure 2-I			
Number of MAG positive cell			
5 dpi		8 dpi	
Saline	AA	Saline	AA
1764	1121	487	199
1533	1209	539	233
1639	1334	692	353
1421	993	454	263
1768	1006	584	271
1589	1225	593	185
2101	1308	667	193
1683	1229	695	308
1449	1364	549	311
1525	1394	496	279
1628	1252	543	284
1644		261	

Figure 2-J			
Number of c-Jun positive cell			
5 dpi		8 dpi	
Saline	AA	Saline	AA
718	860	700	993
698	995	783	1114
500	750	865	1205
552	837	724	969
726	889	844	1185
596	892	785	1211
623	814	693	947
682	783	752	851
642	866	793	1119
711	852	818	1257
572	913	865	1259
649		768	1196
633			1269
			881

Figure 2-L			
Relative protein level(5 dpi)			
MAG		c-Jun	
Saline	AA	Saline	AA
1.278	0.35865	0.13057	1.38
0.8527	0.29561	0.27082	1.093
1.104	0.11945	0.07019	1.445

Figure 2-N			
Relative protein level(8 dpi)			
MAG		Saline	c-Jun
Saline	AA	Saline	AA
1.29845	0.38263	0.3	1.99484
1.49267	0.48592	0.1	1.74846
1.505427	0.55892	0.2	1.53208

Figure 3

Figure 3-M			
Axonal Segment Length(5 div)-Frequency(%)			
Axonal Seg	Con	AA	
0	0	0	0
10	4.49827	12.90323	
20	22.83737	32.97491	
30	33.21799	27.95699	
40	19.37716	14.33692	
50	10.0346	7.885304	
60	7.266436	2.50896	
70	1.394083	0.7168459	
80	0.6920415	0.7168459	
90	0.6920415		

Figure 3-M		
Axonal Segment Length(5 div)-μm		
Con	AA	
5.551	3.674	
5.574	4.57	
6.056	5.072	
7.278	5.269	
7.637	5.574	
7.72	5.574	
8.075	6.077	
8.138	6.077	
8.323	6.098	
8.624	6.561	
9.084	6.561	
9.589	6.58	
9.708	6.638	
10.206	6.733	
10.538	6.733	
10.598	7.065	
11.206	7.065	
11.206	7.226	
11.285	7.226	
11.879	7.57	
12.112	7.57	
12.112	7.587	
12.123	7.906	
12.154	8.075	
12.627	8.215	
13.121	8.579	
13.589	8.814	
13.626	9.084	
13.729	9.098	
14.131	9.278	
14.452	9.575	
14.644	9.602	
15.149	9.642	
15.174	9.642	
15.162	9.915	
15.216	9.941	
15.274	10.093	
15.653	10.093	
15.718	10.144	
16.181	10.293	
16.181	10.61	
16.22	10.61	
16.22	10.81	
16.275	10.789	
16.275	10.871	
16.291	11.103	
16.654	11.285	
16.662	11.285	
16.685	11.386	
17.137	11.508	
17.189	11.53	
17.189	11.607	
17.226	11.618	
17.262	11.618	
17.277	11.651	
17.671	11.651	
17.779	11.651	
18.013	11.738	
18.231	11.738	
18.238	11.782	
18.28	12.112	
18.343	12.123	
18.68	12.154	
18.7	12.372	
18.727	12.465	
18.917	12.617	
18.917	12.617	
19.178	12.617	
19.184	12.627	
19.184	12.816	
19.204	13.038	
19.237	13.16	
19.284	13.626	
19.284	13.626	

Figure 3-N			
Myelin Segment Length(5 div)-Frequency(%)			
Myelin Seg	Con	AA	
0	0	0	0
10	4.561403	8.709678	
20	6.31579	21.29032	
30	16.49123	26.45161	
40	20.70175	18.70968	
50	17.19298	13.87097	
60	12.63158	4.516129	
70	8.070175	3.225906	
80	3.157895	0.9677419	
90	5.964912	1.612903	
100	2.45614	0.6451613	
110	1.403509		
120	0.3508772		
130	0		
140	0		
150	0.7017544		

Figure 3-N		
Myelin Segment Length(5 div)-μm		
Con	AA	
3.224	4.236	
5.322	4.588	
6.627	4.588	
6.934	4.623	
7.1	6.117	
7.299	6.647	
8.156	7.137	
8.438	7.191	
9.19	7.422	
9.302	7.714	
9.686	7.722	
9.699	7.773	
9.898	7.858	
10.309	7.914	
11.227	7.974	
12.245	8.283	
12.245	8.397	
12.277	8.438	
12.906	8.732	
14.792	8.792	
15.596	9.019	
15.803	9.033	
17.437	9.232	
17.452	9.26	
17.849	9.302	
17.849	9.358	
18.359	9.523	
18.465	10.195	
19.196	10.208	
19.538	10.208	
19.94	10.814	
21.435	10.836	
21.465	10.981	
21.973	11.029	
22.453	11.215	
22.482	11.319	
22.574	11.319	
23.965	11.347	
23.981	11.501	
24.474	11.769	
24.554	11.999	
25.026	12.744	
25.062	12.997	
25.127	13.283	
25.165	13.41	
25.494	13.41	
25.813	13.497	
26.043	13.75	
26.123	13.764	
26.316	13.764	
26.513	13.802	
26.528	13.825	
26.528	13.849	
26.611	13.973	
27.095	14.274	
27.252	14.419	
27.532	14.499	
27.546	14.818	
27.546	14.923	
27.603	15.293	
27.697	15.293	
28.042	15.302	
28.056	15.327	
28.153	15.369	
28.588	15.428	
28.697	15.999	
28.711	16.056	
28.711	16.344	
28.81	16.663	
28.931	16.959	
29.061	17.014	
29.061	17.452	
29.128	17.465	
29.2	17.734	

Figure 3-O			
Axonal Segment Length(8 div)-Frequency(%)			
Axonal Seg	Con	AA	
0	0	0	0
5	0	4.040404	
10	12.5	39.39394	
15	26.5625	27.94613	
20	27.60417	14.14141	
25	11.97917	7.070707	
30	8.333333	3.030303	
35	4.166667	2.693603	
40	3.645833	1.346801	
45	2.604167	0.3367004	
50	2.083333		
55	0.5208333		

Figure 3-O		
Axonal Segment Length(8 div)-μm		
Con	AA	
5.047	3.533	
5.551	3.533	
5.551	3.533	
6.05		

19.343	13.636
19.343	13.664
19.494	13.664
19.83	14.131
19.843	14.14
20.187	14.274
20.193	14.354
20.244	14.531
20.288	14.636
20.288	14.644
20.413	14.644
20.413	14.714
20.494	15.653
20.494	15.677
20.692	15.7
20.692	15.935
20.698	16.157
20.79	16.157
20.912	16.181
20.912	16.431
21.292	16.439
21.298	16.662
21.489	16.685
21.701	16.723
21.701	16.776
21.847	16.776
21.911	17.159
22.211	17.166
22.257	17.262
22.257	17.277
22.28	17.424
22.28	17.692
22.665	17.843
22.71	17.921
22.71	18.231
22.71	18.343
22.733	18.37
22.85	18.673
23.215	18.734
23.298	18.782
23.303	19
23.412	19.104
23.412	19.184
23.563	19.184
23.563	19.204
23.72	19.217
23.805	19.5
23.869	19.708
23.981	19.708
24.224	19.74
24.23	19.74
24.245	19.785
24.251	19.843
24.308	19.843
24.355	20.092
24.361	20.193
24.744	20.212
24.775	20.244
24.811	20.45
24.98	20.692
25.314	20.79
25.314	20.845
25.359	21.202
25.415	21.202
25.535	21.346
25.584	21.754
25.639	21.754
25.738	21.795
25.738	21.847
25.743	21.911
25.783	22.171
25.817	22.211
25.98	22.211
26.136	22.28
26.262	22.411
26.364	22.716
26.417	22.716
26.633	22.772
26.748	22.8
26.748	22.911
26.79	23.066
27.22	23.22
27.257	23.352
27.294	23.725
27.294	23.741
27.327	24.224
27.812	24.775
27.981	24.857
28.262	24.857
28.266	24.898
28.374	25.344
28.771	25.359
28.925	25.743
29.275	25.783
29.275	26.228
29.31	26.262
29.483	26.552
29.776	26.552
29.78	26.724
29.793	26.748
29.882	26.767
30.048	26.98
30.318	27.051
30.348	27.252
30.385	27.294
30.486	27.294
30.802	27.327
30.822	27.42
30.987	27.42
31.196	27.457
31.294	27.5
31.306	27.757
31.326	27.757
31.391	27.798
31.798	27.922
31.858	28.266
31.938	28.374
31.99	28.423
32.117	28.423
32.315	28.522
32.315	28.57
32.362	28.709
32.691	28.771
32.862	29.048
32.901	29.206
33.19	29.288
33.324	29.297
33.617	29.483
33.873	29.548
33.873	29.78
33.948	29.793
34.117	29.814
34.822	30.048
34.826	30.348
34.881	30.723
34.914	30.785
35.385	31.306
35.385	31.326
35.417	31.489
35.457	31.83
35.457	32.117
35.921	32.397

29.417	17.849
29.571	17.849
29.724	17.871
29.921	17.958
30.081	18.044
30.094	18.095
30.115	18.352
30.146	18.563
30.586	18.605
31.008	18.862
31.096	18.868
31.1	18.923
31.296	19.221
31.3	19.297
31.606	19.344
31.643	19.371
31.643	19.478
31.643	19.478
31.643	19.611
32.152	19.697
32.725	19.862
33.057	20.039
33.151	20.391
33.198	20.584
33.741	20.694
34.155	20.625
34.158	20.63
34.25	20.667
34.533	20.907
34.664	21.06
34.668	21.465
34.668	21.507
35.266	21.58
35.699	21.871
35.742	21.944
35.815	22.132
35.916	22.132
36.046	22.132
36.194	22.437
36.208	22.637
36.226	22.94
36.269	22.945
36.76	22.962
36.76	22.985
36.76	22.991
37.255	23.081
37.436	23.216
37.599	23.455
37.723	23.499
37.723	23.588
37.726	23.648
37.847	23.788
37.891	23.775
38.001	24.046
38.301	24.191
38.45	24.223
38.863	24.234
38.893	24.517
38.99	24.517
39.077	24.659
39.252	24.979
39.765	25.169
39.922	25.415
39.922	25.489
40.59	25.494
40.896	25.737
41.32	25.737
41.492	26.003
41.492	26.043
41.801	26.197
41.829	26.316
41.913	26.439
42.052	26.513
42.247	26.513
42.323	26.517
42.796	26.528
43.014	26.528
43.405	26.602
43.522	27.018
43.522	27.231
43.692	27.324
43.852	27.495
43.888	27.528
44	27.532
44.4	27.594
44.455	27.74
44.502	27.907
44.932	28.079
44.964	28.264
45.372	28.314
45.395	28.337
45.441	28.487
45.553	28.837
45.553	28.866
45.891	28.913
45.95	29.075
46.06	29.169
46.599	29.169
47.296	29.169
47.409	29.279
47.452	29.583
47.603	29.676
47.802	29.694
47.918	30.094
48.092	30.115
48.439	30.149
48.938	30.462
48.968	30.739
49.471	30.794
49.542	30.927
49.576	31.246
49.856	31.622
49.96	31.643
50.49	31.708
50.632	31.839
50.675	32.152
51.069	32.462
51.183	32.529
51.648	32.601
51.999	32.621
52.119	32.641
52.298	32.641
52.506	32.766
52.714	32.82
52.989	32.878
53.302	33.018
53.526	33.385
53.536	33.598
53.768	33.649
54.074	33.937
54.23	34.158
54.441	34.215
54.567	34.25
54.783	34.688
56.112	34.743
56.262	34.758
56.465	35.037
57.115	35.115
57.169	35.266
57.24	35.717
57.321	35.775
58.044	35.775

14.911	7.98
15.056	8.075
15.14	8.075
15.14	8.075
15.182	8.075
15.274	8.075
15.645	8.075
15.539	8.091
14.639	8.091
16.039	8.138
16.126	8.138
16.15	8.138
16.15	8.153
16.345	8.215
16.345	8.215
16.662	8.323
16.662	8.323
16.695	8.579
16.723	8.579
16.723	8.579
16.92	8.579
17.159	8.579
17.159	8.579
17.343	8.594
17.424	8.594
17.671	8.712
17.671	8.828
17.692	8.943
17.843	9.084
18.168	9.084
18.175	9.084
18.175	9.098
18.343	9.14
18.598	9.14
18.673	9.14
18.68	9.14
18.7	9.209
18.843	9.209
19.184	9.306
19.204	9.306
19.343	9.428
19.422	9.575
19.494	9.589
19.598	9.589
19.598	9.589
19.598	9.602
19.682	9.602
19.689	9.602
19.689	9.642
19.708	9.642
19.708	9.708
19.708	9.708
19.74	9.799
19.74	9.915
20.319	9.941
20.413	10.093
20.716	10.106
20.991	10.106
21.202	10.144
21.208	10.206
21.423	10.404
21.724	10.404
21.724	10.404
22.044	10.502
22.171	10.538
22.297	10.598
22.57	10.598
22.665	10.61
23.066	10.61
23.066	10.61
23.066	10.61
23.066	10.646
23.303	10.694
23.912	10.789
24.224	10.789
24.272	10.894
24.705	11.103
24.775	11.103
25.48	11.114
25.916	11.114
26.262	11.114
26.262	11.171
26.48	11.206
26.824	11.206
27.252	11.206
27.294	11.285
27.628	11.508
27.757	11.53
28.126	11.607
28.414	11.607
28.771	11.651
28.784	11.651
29.38	11.651
29.814	11.706
30.2	11.782
31.436	11.996
31.81	12.112
31.894	12.112
32.901	12.123
32.943	12.206
33.552	12.279
34.554	12.485
35.117	12.867
36.73	13.102
36.758	13.102
39.687	13.121
40.907	13.121
40.991	13.121
42.42	13.131
42.692	13.131
43.414	13.209
43.428	13.276
44.414	13.276
47.442	13.276
47.506	13.324
49.018	13.362
49.326	13.466
57.641	13.626
	13.626
	13.636
	13.636
	13.664
	13.71
	13.71
	13.775
	13.775
	13.775
	13.858
	13.858
	14.131
	14.131
	14.14
	14.167
	14.212
	14.452
	14.67
	14.714
	14.714
	14.851
	14.911
	14.945
	15.056
	15.547
	15.669
	15.677

15.645	14.774
15.653	14.903
15.677	15.149
15.718	15.149
15.935	15.182
16.157	15.216
16.157	15.216
16.157	15.274
16.157	15.44
16.22	15.44
16.275	15.58
16.345	15.653
16.439	15.677
16.654	15.718
16.723	15.775
16.776	16.157
17.137	16.157
17.159	16.157
17.159	16.22
17.189	16.275
17.189	16.647
17.226	16.647
17.226	16.723
17.343	16.844
17.692	16.844
18.013	17.159
18.343	17.189
18.343	17.189
18.508	17.189
18.673	17.664
18.68	17.671
18.7	17.779
18.7	17.843
18.7	18.238
18.727	18.28
18.782	18.419
18.917	18.508
19.204	18.7
19.237	18.727
19.343	19.178
19.682	19.178
19.888	19.184
19.997	19.184
20.187	19.237
20.187	19.237
20.187	19.237
20.187	19.284
20.288	19.343
20.413	19.689
20.692	19.708
20.692	19.792
20.716	19.914
20.79	20.187
20.845	20.2
20.991	20.212
21.088	20.494
21.196	20.58

36.35	32.839	58.123	36.323	15.677	34.855	37.756
37.513	33.312	58.337	36.494	15.718	34.881	38.255
37.563	33.37	59.12	36.6	15.847	35.262	38.474
37.563	33.817	59.153	37.269	15.935	35.342	38.873
37.621	33.847	59.418	37.412	16.15	35.36	39.303
37.971	33.907	59.504	37.633	16.22	35.532	39.368
38.065	34.333	59.782	37.737	16.275	35.832	39.394
38.255	34.351	59.861	37.737	16.477	35.921	39.523
38.408	34.41	60.155	37.921	16.854	36.119	39.754
38.517	34.451	60.155	37.943	16.723	36.259	39.872
38.912	34.617	60.172	38.233	16.844	36.35	39.882
38.942	34.881	60.369	38.236	16.92	36.392	40.187
39.368	34.914	60.517	39.305	16.965	36.392	40.377
39.872	34.954	60.575	39.305	17.137	36.841	41.383
39.882	34.954	60.774	39.335	17.159	36.927	41.46
40.184	35.117	61.024	39.569	17.189	37.01	41.9
41.411	35.385	61.175	39.765	17.226	37.062	43.507
41.411	35.75	62.154	39.89	17.262	37.346	43.639
41.432	36.059	62.869	39.935	17.343	37.468	45.168
41.58	36.368	63.263	40.156	17.671	37.513	45.521
41.891	36.368	63.74	40.285	17.843	37.513	47.968
41.9	36.56	64.791	40.49	17.921	37.904	48.159
41.9	37.468	65.778	40.985	18.013	38.008	49.715
41.936	37.881	65.857	41.295	18.515	38.355	50.994
42.037	38.368	66.272	41.37	18.673	38.408	51.034
42.133	38.86	66.552	41.37	18.7	38.538	51.174
42.396	39.124	66.626	41.445	18.734	38.567	52.466
42.539	39.368	66.85	41.721	18.734	38.889	52.525
42.945	39.792	67.646	41.721	18.782	38.912	52.605
43.087	39.898	68.681	41.742	19.184	38.912	54.563
43.405	40.424	68.827	41.804	19.184	39.364	55.461
43.545	40.991	70.902	41.814	19.343	39.368	55.461
44.048	41.254	71.484	42.17	19.682	39.416	55.626
44.551	41.485	71.55	42.432	19.882	39.661	57.8
45.139	41.824	72.502	43.333	19.682	39.949	60.058
45.465	43.087	74.428	43.681	19.689	40.374	63.116
47.154	43.235	75.047	43.843	19.74	41.077	64.095
47.439	43.526	76.127	43.867	19.843	41.432	74.434
48.449	43.909	76.29	43.947	20.244	41.891	10.33
48.459	44.322	77.621	44.197	20.269	41.915	5.23
48.472	45.6	80.04	44.301	20.344	41.997	1.08
48.956	46.202	81.321	44.587	20.413	42.037	2.89
48.991	46.466	81.875	44.736	20.587	42.037	4.36
49.973	47.442	82.608	44.736	20.747	42.191	
50.054	48.459	82.936	44.871	20.747	42.323	
50.285	48.491	83.094	45.045	21.346	43.449	
50.47	48.711	83.602	45.275	21.701	43.449	
51.273	48.953	83.832	45.573	21.795	43.589	
52.496	49.036	84.66	45.82	22.57	43.694	
53.612	49.715	85.641	45.879	22.671	44.483	
54.528	49.973	85.866	45.866	22.761	46.061	
55.597	49.986	85.716	46.389	23.22	47.707	
57.251	50.003	86.157	47.411	23.303	47.944	
57.674	50.629	86.273	47.962	23.303	47.963	
58.046	50.829	86.715	48.382	23.72	48.01	
60.401	53.555	87.177	48.949	24.224	49.081	
61.323	55.157	88.461	48.962	24.308	49.965	
62.149	58.057	91.285	48.98	24.729	50.49	
62.28	59.502	91.34	49.069	24.775	52.179	
63.31	61.315	94.109	49.49	25.254	52.605	
64.647	66.617	94.33	49.576	25.743	53.498	
65.703	71.612	95.021	49.765	25.758	53.602	
66.603	78.283	99.153	50.56	26.79	54.002	
67.123		102.484	50.675	27.42	54.028	
69.363		106.553	51.069	27.83	55.009	
70.51		107.111	51.474	28.262	57.535	
73.185		108.076	51.999	29.483	58.245	
73.689		119.912	53.026	30.619	58.62	
79.753		143.399	53.06	30.822	58.759	
80.875		143.77	53.104	31.375	59.81	
85.29			53.261	32.315	60.636	
91.459			53.874	32.335	60.731	
97.109			54.144	33.552	62.077	
			54.555	33.813	62.744	
			55.94	33.847	63.086	
			56.914	34.351	66.345	
			60.231	37.346	66.878	
			60.632	37.468	67.123	
			60.632	39.828	67.673	
			62.361	40.127	68.86	
			62.837		78.265	
			65.76		89.7	
			68.3		88.53	
			69.047		89.66	
			69.09			
			69.84			
			71.445			
			73.924			
			75.53			
			80.545			
			85.663			
			85.935			
			87.829			
			88.188			
			92.304			
			92.724			

Figure 4

Figure 4-C			Figure 4-D			Figure 4-G			Figure 4-H		
No of P type fibers (5 div)			No of D type fibers (5 div)			P type fibers (5 div)			No of D type fibers (8 div)		
Con	AA		Con	AA		Con	AA		Con	AA	
16		4	2		7	4		6	7		12
15		1	3		10	4		5	9		18
14		5	4		6	5		8	10		19
13		4	3		7	6		1	10		24
8		3	13		10	9		3	14		20
17		3	8		9	10		4	17		17
6		4	13		7	8		3	8		16
10		3	13		5	9		4	12		12
7		5	3		11	8		6	11		20
10		8	8		13	5		4	15		15
15		10	5		14	6		1	15		15
13		10	11		10	6		6	12		10
8		9	6		11	8		4	11		10
8		7	2		13	5		2	15		20
8		9	3		13	6		0	15		22
9		10	4		15	6		3	12		17
8		8	8		13	8		3	11		16
8		7	5		15	4		4	9		19
7		8	6		14	3		7	15		15
10		4	3		13	3		4	16		14
13		3	4		12	2		6	13		15
12		6	4		13	4		1	17		14
8		10			13	6		3	13		17
5		5			13	4		9	15		14
5		5			17	4		4	14		17
7		15			1			1			15
1		12			1			1			17
					1			1			18
					2			2			18
					5			5			20

Figure 5

Figure 5-I		Figure 5-J		Figure 5-L		Figure 5-N	
Number of MAG positive cell		Number of c-Jun positive cell		Relative protein level(5 div)		Relative protein level(8 div)	
5 div	8 div	5 div	8 div	MAG	c-Jun	MAG	c-Jun

Con	AA	Con	AA
2712	1254	1273	798
2633	1517	934	910
2401	1356	1004	631
2538	1468	1142	657
2287	1341	1205	699
3003	1285	952	782
2489	1114	987	757
2175	1376	1065	951
2889	1448	963	873
2963	1326	1184	852
2582	1406	1082	789
2312	1518	1053	721
	1472	710	
		779	

Con	AA	Con	AA
46	126	201	209
25	110	180	250
30	100	160	280
37	112	183	225
29	131	214	248
26	103	153	263
43	108	168	279
31	126	174	208
48	118	164	225
23	108	200	238
35	129	205	285
33	103	166	276
31	98	158	216
97		194	
111			

Con	AA	Con	AA
0.5892	0.210583	0.1032689	0.594
0.4472	0.124785	0.273946	0.397
0.6925	0.37814	0.052174	0.449

Con	AA	Con	AA
1.3942	0.42784	0.8	0.92174
1.03298	0.69213	0.6	1.23954
1.24594	0.58721	0.7	1.17349

Figure 6

Figure 6-Q			
Number of ED1 positive cell			
5 dpi		8 dpi	
Saline	AA	Saline	AA
153	197	107	163
148	236	97	159
124	218	119	177
196	194	115	175
173	202	103	156
131	235	121	166
105	226	91	149
118	229	116	187
129	246	94	168
143	204	122	183
149	196	104	148
138	221	100	152
155	217	108	171
138		169	
127		174	
		164	

Figure 6-R			
Denatured myelin droplets per cell			
5 dpi		8 dpi	
Saline	AA	Saline	AA
1	3	1	4
2	2	1	2
1	2	2	2
1	1	2	5
1	4	0	1
3	5	1	1
1	1	1	2
1	3	2	1
1	3	1	1
1	4	2	1
2	2	0	2
1	1	2	3
1	3	1	3
3	4	2	5
1	1	1	1
1	3	1	2
1	3	1	2
3	5	1	4
1	2	1	4
1	1	1	3
1	3	2	2
2	3	1	3
1	4	2	5
1	4	0	1
1	2	2	2
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