Figure 2 (a) **MorrisWater Latency**

NC	DC	CAL 2.5	CAL 5.0	DPZ
2	10	9	3	7
3	9	9	5	9
2	11	6	5	6
5	17	7	3	3
4	11	5	4	6
2	10	10	6	9

Figure 2 (b) **Time in Targe quandrant**

NC	DC	CAL 2.5	CAL 5.0	DPZ
70	48	28	80	55
75	35	62	67	48
80	49	42	53	62
89	50	36	60	80
88	39	41	88	53
70	35	56	69	80

Figure 3 (a) **% Time time spent in Novel Arm C**

NC	DC	CAL 2.5	CAL 5.0	DPZ
30	12	22	29	30
28	15	17	21	25
31	10	18	33	23
23	13	14	26	20
43	17	19	41	33
35	7	24	16	26

Figure 3 (b) **No of Enteries in novel Arm C**

NC	DC	CAL 2.5	CAL 5.0	DPZ
15	4	5	12	9
12	1	7	10	11
14	5	8	11	8
11	2	4	13	9
15	8	6	11	12
23	0	10	9	7

Figure 4 (a) **Freezing Time (S)**

NC	DC	CAL 2.5	CAL 5.0	DPZ
148	70	111	169	120

137	80	128	179	120
152	85	100	153	135
152	100	98	156	180
152	79	85	165	145
123	89	90	170	140

Figure 4 (b) **Freezing Time (S)**

NC	DC	CAL 2.5	CAL 5.0	DPZ
120	54	84	120	120
110	44	94	78	120
100	50	100	100	90
120	55	95	81	100
94	47	100	120	95
99	59	79	120	101

Figure 5 (a) **1-40 Aβ**

NC	DC	CAL 2.5	CAL 5.0	DPZ
91.17	421.46	331.59	104.20	205.30
50.88	377.09	327.96	155.08	196.21
95.28	439.25	366.01	120.32	209.33
100.99	229.00	182.20	138.03	134.98
45.31	320.10	120.54	77.19	98.12
98.12	496.00	378.00	189.00	220.33

Figure 5 (b) **1-42 Aβ**

NC	DC	CAL 2.5	CAL 5.0	DPZ
99.06	212.99	160.46	103.61	115.57
89.35	256.77	142.35	87.43	91.98
90.95	299.62	162.48	98.35	75.00
54.54	175.46	130.57	66.00	82.45
87.87	280.45	170.38	100.85	123.28
95.35	198.28	173.87	153.76	152.08

Figure 5 (c) **p-Tau**

NC	DC	CAL 2.5	CAL 5.0	DPZ
97.29	753.99	299.67	201.89	399.67
117.88	689.98	267.65	149.11	128.34
66.97	600.64	309.15	250.10	120.10
135.43	813.77	320.01	275.63	495.20
122.65	790.44	288.85	232.21	400.12

	98.21	654.99	200.39	198.16	420.09

Figure 5 (d) **BACE-1**

NC	DC	CAL 2.5	CAL 5.0	DPZ
283600.0	499716.7	298756.3	157016.7	199983.3
196266.7	450800.0	263568.0	199833.3	188016.7
272933.0	573750.0	161194.0	165425.0	194000.0
226741.0	388673.0	360543.0	169867.0	215643.0
100452.0	397201.0	322064.0	148676.0	176754.0
376428.0	501824.0	170456.0	137232.0	187612.0

Figure 5 (e) **IDE**

NC	DC	CAL 2.5	CAL 5.0	DPZ
4.62	2.77	2.65	3.08	2.88
5.79	1.15	2.12	2.58	3.85
5.68	2.80	2.45	3.29	3.89
4.29	3.00	3.39	3.36	3.82
6.80	3.38	2.27	3.11	4.45
3.43	0.49	1.43	1.55	1.29

Figure 5 (f) **NEP**

NC	DC	CAL 2.5	CAL 5.0	DPZ
1979.22	1659.00	2291.57	2756.56	2409.44
2280.00	1354.00	2089.00	2785.00	2207.00
2350.85	1898.88	2198.35	2309.75	2698.55
2093.11	1165.63	2287.06	2988.43	2175.09
2114.98	1496.09	2464.54	2793.14	2185.36
1650.35	1003.17	1934.00	2260.99	2283.03

Figure 6 (a) **IL-1β**

NC	DC	CAL 2.5	CAL 5.0	DPZ
59.97	256.56	92.68	70.19	121.65
47.88	229.12	81.45	63.23	81.46
51.28	301.64	80.19	66.19	87.34
58.46	235.77	59.00	73.40	91.45
73.98	210.86	110.36	44.98	84.31
31.31	226.67	95.45	77.86	86.45

Figure 6 (b) **IL-6**

NC	DC	CAL 2.5	CAL 5.0	DPZ
21.57	240.02	118.05	94.51	104.17
35.98	330.07	126.00	114.00	118.56
20.14	266.76	120.46	102.75	100.09
17.24	281.85	124.08	99.37	122.54
32.01	228.87	108.56	133.98	130.31
53.37	212.46	133.34	89.86	91.07

Figure 6 (c) **Interferon--γ**

NC	DC	CAL 2.5	CAL 5.0	DPZ
177.59	532.34	239.02	196.56	452.98
150.68	663.22	212.88	159.35	398.23
133.96	700.13	223.12	141.02	495.45
198.85	587.67	199.91	152.13	381.65
192.01	340.63	201.59	144.89	477.34
120.17	756.29	295.17	127.34	334.40

Figure 6 (d) **TNF-α**

NC	DC	CAL 2.5	CAL 5.0	DPZ
88.60	220.27	195.50	112.16	102.81
45.23	278.00	188.23	128.46	82.77
76.91	210.12	199.09	131.45	105.25
50.32	255.34	182.75	111.54	72.35
103.34	375.11	190.45	139.38	65.56
95.45	145.48	187.75	91.40	128.10

Figure 6 (e) **NF-κβ**

NC	DC	CAL 2.5	CAL 5.0	DPZ
1.51	6.10	3.35	2.38	3.93
1.05	5.07	4.32	1.89	2.91
1.35	5.43	3.08	2.43	3.92
1.56	6.30	4.56	2.39	3.61
1.39	3.55	2.02	1.93	1.50
1.80	7.15	5.53	3.94	4.86