

## Yuan et al. Supplemental Table S3

### Change of dendrite length in dentate gyrus granule cells of NFL +/- mice

	NFL+/+	NFL+/+ SE	NFL-/-	NFL-/- SE	p-value (T-test)
Total dendrite length measured	983	58	827	81	0.141
Number of branch points	5.3	0.3	5.9	0.67	0.402
Total length of non-terminal segments	150	19	148	18.8	0.951
Average length of non-terminal segments	27	2.56	25	2.05	0.417
Number of natural endings	4.1	0.29	3.4	0.26	0.219
Total length of natural end terminal segments	622	49	438	39.46	0.021
Average length of natural end terminal segments	155	5.94	129	6.25	0.013
Number of truncated ending	2.8	0.29	3.8	0.64	0.154
Total length of truncated end terminal segments	219	33	216	41.42	0.955
Average number of truncated end segments	76	6.05	59	8.06	0.15
Average path length	207	4.65	181	5.44	0.004
Maximum path length	227	7.09	195	7.94	0.023