

Supplementary Table 1

Mean Ct Numbers and Mean Plate Efficiencies, Raw Data

Information on following page.

Sample ID	info	Actb		Bgn		Dcn		Actb		Fmod		Lum	
		Ct	Eff	Ct	Eff	Ct	Eff	Ct	Eff	Ct	Eff	Ct	Eff
017L	c-un	25.137	1.924 (1)	23.384	1.827(1)	17.485	1.933 (1)	24.404	1.909 (18)	20.521	2.027 (1)	24.074	1.849 (18)
018R	c-un	27.054	1.924 (1)	24.568	1.827(1)	20.456	1.933 (1)	26.323	1.909 (18)	21.935	2.027 (1)	25.205	1.849 (18)
020L	c-un	23.376	1.924 (1)	22.706	1.827(1)	19.119	1.933 (1)	22.750	1.909 (18)	20.895	2.027 (1)	24.193	1.849 (18)
024R	c-un	26.831	1.924 (1)	26.090	1.827(1)	20.366	1.933 (1)	26.209	1.909 (18)	24.259	2.027 (1)	24.540	1.849 (18)
021L	c-un	38.379	2.046 (2)	37.156	1.978 (2)	36.935	2.052 (2)	39.216	2.014 (19)	34.826	2.004 (19)	41.665	2.016 (19)
037R	c-un	31.730	1.859 (3)	38.692	1.678 (3)	31.997	1.625 (3)	31.648	1.847 (20)	27.321	1.993 (20)	31.563	1.823 (20)
038L	c-un	25.994	1.859 (3)	28.180	1.678 (3)	26.854	1.625 (3)	26.013	1.847 (20)	22.801	1.993 (20)	30.498	1.823 (20)
006L	c-3	18.572	2.046 (2)	17.445	1.978 (2)	15.844	2.052 (2)	20.063	2.014 (19)	17.388	2.004 (19)	18.905	2.016 (19)
008R	c-3	17.920	2.046 (2)	17.758	1.978 (2)	14.675	2.052 (2)	19.919	2.014 (19)	16.269	2.004 (19)	17.173	2.016 (19)
009L	c-3	19.744	1.866 (4)	16.835	1.923 (4)	14.358	1.790 (4)	18.111	1.974 (20)	16.442	1.905 (20)	17.708	2.043 (20)
028L	c-3	17.549	1.866 (4)	16.676	1.923 (4)	15.288	1.790 (4)	17.196	1.974 (20)	17.136	1.905 (20)	17.773	2.043 (20)
030L	c-3	17.777	1.866 (4)	17.175	1.923 (4)	14.882	1.790 (4)	17.555	1.974 (20)	15.656	1.905 (20)	17.002	2.043 (20)
031R	c-3	17.268	1.866 (4)	17.580	1.923 (4)	15.096	1.790 (4)	17.540	1.974 (20)	16.784	1.905 (20)	17.057	2.043 (20)
033R	c-3	19.761	1.866 (4)	18.198	1.923 (4)	15.063	1.790 (4)	18.026	1.974 (20)	16.627	1.905 (20)	17.486	2.043 (20)
013R	c-6	25.713	1.897 (5)	24.791	1.829 (5)	19.804	1.971 (5)	25.868	1.903 (21)	22.925	1.983 (21)	24.779	1.842 (21)
016L	c-6	26.613	1.897 (5)	25.203	1.829 (5)	20.265	1.971 (5)	26.603	1.903 (21)	23.652	1.983 (21)	26.419	1.842 (21)
015R	c-6	24.817	1.897 (5)	22.040	1.829 (5)	17.367	1.971 (5)	23.994	1.903 (21)	21.113	1.983 (21)	22.620	1.842 (21)
003R	c-6	25.693	1.897 (5)	25.126	1.829 (5)	18.436	1.971 (5)	24.428	1.903 (21)	21.329	1.983 (21)	25.998	1.842 (21)
001L	c-6	18.409	2.046 (2)	19.633	1.978 (2)	15.217	2.052 (2)	20.374	2.014 (19)	17.978	2.004 (19)	20.305	2.016 (19)
004L	c-6	17.424	2.046 (2)	19.085	1.978 (2)	14.275	2.052 (2)	19.837	2.014 (19)	16.827	2.004 (19)	19.299	2.016 (19)
010R	c-6	19.230	2.046 (2)	21.188	1.978 (2)	16.049	2.052 (2)	21.301	2.014 (19)	18.327	2.004 (19)	20.135	2.016 (19)
034R	c-6	18.950	2.046 (2)	18.497	1.978 (2)	16.155	2.052 (2)	19.431	2.014 (19)	20.945	2.004 (19)	20.541	2.016 (19)
036R	c-6	18.352	2.046 (2)	20.586	1.978 (2)	14.734	2.052 (2)	19.505	2.014 (19)	17.657	2.004 (19)	20.663	2.016 (19)
603L	c-6	24.413	1.846 (6)	26.696	1.761 (6)	16.571	1.807 (6)	25.833	1.759 (22)	18.044	1.806 (22)	21.996	1.830 (22)
604L	c-6	23.088	1.846 (6)	23.765	1.761 (6)	21.422	1.807 (6)	23.043	1.759 (22)	21.946	1.806 (22)	25.705	1.830 (22)
007R	b-un	25.663	1.946 (7)	32.022	1.918 (7)	16.839	2.032 (7)	23.636	1.940 (23)	19.844	1.993 (7)	24.299	1.943 (23)
010L	b-un	22.823	1.946 (7)	28.548	1.918 (7)	16.005	2.032 (7)	22.423	1.940 (23)	18.300	1.993 (7)	21.930	1.943 (23)
006R	b-un	18.322	1.909 (8)	29.239	1.838 (8)	16.140	1.836 (8)	18.346	2.027 (24)	16.136	2.060 (24)	15.645	2.049 (24)
012L	b-un	22.166	1.909 (8)	undetermined	1.838 (8)	19.062	1.836 (8)	22.438	2.027 (24)	20.255	2.060 (24)	19.613	2.049 (24)
027R	b-un	22.470	1.909 (8)	39.956	1.838 (8)	20.210	1.836 (8)	22.517	2.027 (24)	19.102	2.060 (24)	18.633	2.049 (24)
013R	b-un	18.499	1.982 (9)	28.091	1.791 (9)	15.567	2.077 (9)	19.268	1.902 (25)	17.954	1.972 (25)	19.011	1.903 (25)
028R	b-un	19.730	1.982 (9)	30.549	1.791 (9)	15.505	2.077 (9)	21.711	1.902 (25)	19.281	1.972 (25)	17.609	1.903 (25)
030L	b-un	23.022	1.982 (9)	38.122	1.791 (9)	18.410	2.077 (9)	24.800	1.902 (25)	21.351	1.972 (25)	23.467	1.903 (25)
031L	b-un	24.411	1.982 (9)	39.148	1.791 (9)	19.668	2.077 (9)	25.629	1.902 (25)	24.090	1.972 (25)	32.356	1.903 (25)
033R	b-un	26.578	1.982 (9)	37.299	1.791 (9)	20.183	2.077 (9)	27.632	1.902 (25)	22.315	1.972 (25)	29.577	1.903 (25)
037L	b-un	17.543	1.982 (9)	33.706	1.791 (9)	14.088	2.077 (9)	19.131	1.902 (25)	15.572	1.972 (25)	18.725	1.903 (25)
034L	b-un	23.014	1.982 (9)	40.992	1.791 (9)	17.874	2.077 (9)	24.270	1.902 (25)	22.807	1.972 (25)	22.360	1.903 (25)
036L	b-un	20.683	1.982 (9)	40.041	1.791 (9)	15.254	2.077 (9)	21.906	1.902 (25)	18.069	1.972 (25)	22.356	1.903 (25)
41L	b-3	19.162	1.910 (10)	26.865	1.725 (10)	16.230	1.740 (10)	19.083	1.837 (26)	16.033	1.836 (26)	15.883	1.839 (26)
43R	b-3	18.635	1.910 (10)	23.561	1.725 (10)	14.726	1.740 (10)	16.887	1.837 (26)	15.159	1.836 (26)	16.175	1.839 (26)
44R	b-3	18.129	1.910 (10)	24.885	1.725 (10)	16.701	1.740 (10)	19.223	1.837 (26)	16.089	1.836 (26)	16.211	1.839 (26)
301L	b-3	20.706	1.910 (10)	26.589	1.725 (10)	16.138	1.740 (10)	19.559	1.837 (26)	16.971	1.836 (26)	17.238	1.839 (26)
302R	b-3	18.515	1.910 (10)	28.764	1.725 (10)	16.423	1.740 (10)	20.063	1.837 (26)	16.431	1.836 (26)	17.034	1.839 (26)
304L	b-3	19.014	1.910 (10)	27.510	1.725 (10)	18.223	1.740 (10)	19.799	1.837 (26)	16.182	1.836 (26)	17.459	1.839 (26)
305L	b-3	19.520	1.910 (10)	25.766	1.725 (10)	16.351	1.740 (10)	20.217	1.837 (26)	17.414	1.836 (26)	16.928	1.839 (26)
307L	b-3	19.500	1.910 (10)	28.886	1.725 (10)	17.333	1.740 (10)	21.000	1.837 (26)	17.413	1.836 (26)	18.082	1.839 (26)
308R	b-3	20.376	1.773 (11)	28.872	1.707 (11)	20.273	1.729 (11)	20.833	1.715 (27)	18.389	1.781 (27)	19.455	1.752 (27)
310L	b-3	21.489	1.778 (12)	28.508	1.674 (12)	18.939	1.774 (12)	21.020	1.734 (28)	20.612	1.797 (28)	18.534	1.717 (28)
17L	b-6	20.327	1.917 (13)	25.510	1.900 (13)	14.658	2.037 (13)	20.735	1.940 (29)	16.977	2.027 (29)	19.661	1.931 (29)
20R	b-6	21.230	1.917 (13)	26.974	1.900 (13)	14.906	2.037 (13)	22.282	1.940 (29)	18.070	2.027 (29)	19.144	1.931 (29)
21L	b-6	21.604	1.917 (13)	28.015	1.900 (13)	15.807	2.037 (13)	24.247	1.940 (29)	18.797	2.027 (29)	21.779	1.931 (29)
23L	b-6	22.538	1.917 (13)	28.061	1.900 (13)	16.426	2.037 (13)	24.750	1.940 (29)	20.250	2.027 (29)	22.129	1.931 (29)
24R	b-6	21.000	1.778 (12)	29.327	1.674 (12)	17.268	1.774 (12)	19.733	1.734 (28)	16.568	1.797 (28)	20.084	1.717 (28)
26L	b-6	19.077	1.778 (12)	28.598	1.674 (12)	14.244	1.774 (12)	20.252	1.734 (28)	14.331	1.797 (28)	17.311	1.717 (28)
601R	b-6	18.985	1.778 (12)	27.678	1.674 (12)	15.846	1.774 (12)	18.634	1.734 (28)	16.139	1.797 (28)	17.612	1.717 (28)
602R	b-6	18.743	1.778 (12)	26.290	1.674 (12)	15.535	1.774 (12)	18.768	1.734 (28)	22.074	1.797 (28)	18.475	1.717 (28)
603R	b-6	18.877	1.778 (12)	25.937	1.674 (12)	16.808	1.774 (12)	20.167	1.734 (28)	18.001	1.797 (28)	17.206	1.717 (28)
604R	b-6	18.114	1.778 (12)	29.631	1.674 (12)	19.272	1.774 (12)	20.181	1.734 (28)	20.524	1.797 (28)	20.108	1.717 (28)
605L	b-6	19.833	1.778 (12)	27.891	1.674 (12)	15.395	1.774 (12)	19.360	1.734 (28)	18.986	1.797 (28)	20.295	1.717 (28)
607L	b-6	20.243	1.758 (14)	29.153	1.736 (14)	17.873	1.706 (14)	19.578	1.805 (30)	17.840	1.657 (30)	18.953	1.696 (30)
001R	d-un	24.882	1.946 (15)	20.861	1.918 (15)	21.660	2.032 (15)	24.031	1.940 (23)	19.867	1.993 (15)	22.281	1.943 (23)
012R	d-un	26.687	1.946 (15)	26.428	1.918 (15)	22.918	2.032 (15)	26.348	1.940 (23)	23.909	1.993 (15)	26.569	1.943 (23)
032L	d-un	24.159	1.946 (15)	22.189	1.918 (15)	23.506	2.032 (15)	23.636	1.940 (23)	20.300	1.993 (15)	24.299	1.943 (23)
033R	d-un	22.426	1.946 (15)	22.791	1.918 (15)	21.663	2.032 (15)	22.423	1.940 (23)	19.682	1.993 (15)	21.930	1.943 (23)
014R	d-un	24.100	1.964 (16)	29.112	1.785 (16)	31.033	1.819 (16)	24.522	1.988 (31)	19.799	2.034 (31)	24.399	1.994 (31)
032-L	d-un	23.040	1.964 (16)	25.304	1.785 (16)	26.395	1.819 (16)	23.512	1.988 (31)	19.010	2.034 (31)	20.425	1.994 (31)
033R	d-un	19.002	1.964 (16)	23.144	1.785 (16)	24.701	1.819 (16)	19.334	1.988 (31)	15.860	2.034 (31)	20.565	1.994 (31)
308R	d-3	23.359	1.758 (14)	26.404	1.736 (14)	30.041	1.706 (14)	n/a	n/a	n/a	n/a	n/a	n/a
27L	d-3	21.365	1.758 (14)	27.029	1.736 (14)	26.572	1.706 (14)	23.467	1.805 (30)	25.015	1.657 (30)	21.677	1.696 (30)
29R	d-3	20.000	1.758 (14)	21.276	1.736 (14)	27.776	1.706 (14)	19.679	1.805 (30)	19.688	1.657 (30)	20.234	1.696 (30)
30R	d-3	19.385	1.758 (14)	23.405	1.736 (14)	34.890	1.706 (14)	19.612	1.805 (30)	18.622	1.657 (30)	24.293	1.696 (30)
301L	d-3	21.175	1.758 (14)	20.465	1.736 (14)	27.297	1.706 (14)	20.089	1.805 (30)	30.319	1.657 (30)	21.047	1.696 (30)
302L	d-3	20.000	1.758 (14)	20.165	1.736 (14)	23.100	1.706 (14)	n/a	n/a	n/a	n/a	n/a	n/a
304L	d-3	18.525	1.758 (14)	21.702	1.736 (14)	23.055	1.706 (14)	20					

Each cell represents the mean Cycle Threshold (Ct) of three technical replicates.

Efficiency (Eff) is given as the mean qPCR Efficiency for each gene by plate.

Numbers (1-32) given with the efficiency designate the plate on which the qPCR reaction was performed.

The "Info" column designates the group to which each mouse (Sample ID) was assigned; this includes mouse genotype and injury state.

(c = wild type; b = biglycan null; d = decorin null; -un = uninjured; -3 = 3 weeks post-injury; -6 = 6 weeks post-injury).

Outliers are in **bold**.

Failed reactions are designated with "n/a."

"Undetermined" represents a gene/sample combination receiving a Ct out of range of detection (>45).