

Table S5. PROMs values in individuals with particular genotypes of *PDGFA* gene polymorphisms (rs1800814, rs2070958 and rs62433334) in additive model.

PROM	week	Genotypes of rs1800814						P value			
		AA		AG		GG		Kruskal-Wallis test	AA vs AG	AA vs GG	AG vs GG
		Median	±QD	Median	±QD	Median	±QD				
VAS	0	5.00	1.50	6.00	1.50	6.00	1.50	0.381	0.582	0.816	0.038
	2	4.00	1.50	3.00	1.50	4.00	1.00	0.559			
	4	3.00	2.00	3.00	1.00	4.00	1.00	0.290			
	8	3.00	1.50	3.00	1.50	4.00	2.00	0.288			
	12	3.00	1.50	2.00	1.50	4.00	1.50	0.039			
	24	3.00	2.00	1.50	2.50	3.00	1.50	0.331			
	52	1.00	2.50	1.00	2.00	2.50	1.50	0.421			
	104	1.00	1.50	1.00	1.00	1.00	1.50	0.668			
ΔVAS (vs week 0)	2	1.00	1.50	1.00	1.50	2.00	1.50	0.818			
	4	2.00	1.50	2.00	2.00	2.00	1.50	0.963			
	8	3.00	2.00	2.00	2.50	2.00	2.00	0.901			
	12	2.50	2.00	3.00	2.00	2.00	2.00	0.313			
	24	2.50	2.50	3.00	2.00	3.00	1.50	0.719			
	52	3.00	2.25	4.00	2.50	4.00	2.00	0.724			
	104	4.00	2.00	4.00	2.00	4.00	3.00	0.974			
QDASH	0	52.27	14.78	52.27	13.07	52.27	13.50	0.915	0.892	0.047	0.294
	2	37.50	18.18	38.64	12.50	45.45	19.32	0.356			
	4	32.95	13.07	36.36	14.20	38.64	14.77	0.252			
	8	25.00	18.18	29.55	15.34	45.45	18.18	0.049			
	12	25.00	18.18	27.27	13.07	43.18	19.32	0.060			
	24	29.55	22.73	19.32	23.86	27.27	20.45	0.425			
	52	18.18	23.86	13.64	21.59	26.14	20.45	0.276			
	104	9.09	20.45	13.64	21.59	15.91	14.77	0.548			
ΔQDASH (vs week 0)	2	6.82	18.53	6.81	13.07	0.00	12.50	0.200	1.000	0.125	0.040
	4	11.36	18.18	16.59	15.91	9.09	14.77	0.191			
	8	14.77	21.01	19.32	19.37	6.82	19.32	0.078			
	12	18.18	19.87	22.73	14.38	4.54	20.46	0.035			
	24	14.77	25.00	28.36	15.91	15.91	18.18	0.470			
	52	22.73	25.57	27.27	18.18	19.18	14.77	0.498			
	104	35.23	22.16	29.55	17.05	30.68	26.14	0.610			

PRTEE	0	52.50	17.50	51.00	13.88	52.00	10.00	0.668				
	2	29.25	15.00	27.50	16.38	37.00	16.25	0.509				
	4	19.00	14.13	24.75	11.88	29.50	15.50	0.208				
	8	19.50	13.50	21.75	12.25	33.00	19.75	0.119				
	12	18.00	13.75	16.00	10.25	34.00	16.75	0.071				
	24	17.00	17.00	10.00	19.75	23.50	15.00	0.493				
	52	12.00	15.75	9.50	12.50	16.50	17.00	0.624				
	104	3.50	12.50	6.50	12.75	9.50	11.25	0.678				
ΔPRTEE (vs week 0)	2	15.50	12.00	13.00	13.88	17.50	8.00	0.874				
	4	27.50	19.50	21.25	15.00	20.50	7.75	0.583				
	8	26.75	14.35	25.25	16.88	28.00	17.50	0.530				
	12	27.00	14.98	31.00	15.63	23.50	17.50	0.261				
	24	27.20	18.25	30.75	19.25	31.00	19.00	0.951				
	52	32.50	17.00	33.50	18.75	32.75	17.00	0.928				
	104	38.25	15.63	37.50	16.25	38.75	18.00	0.877				
PROM	week	Genotypes of rs2070958						P value				
		CC		CT		TT						
		Median	±QD	Median	±QD	Median	±QD	Kruskal-Wallis test	CC vs CT	CC vs TT	CT vs TT	
VAS	0	7.00	1.50	5.00	1.75	6.00	2.00	0.134	0.030	0.071	1,000	
	2	4.00	2.00	3.00	1.50	4.00	1.50	0.459				
	4	4.00	1.50	3.00	1.25	3.00	2.00	0.146				
	8	4.00	1.50	3.00	1.50	2.00	1.50	0.084				
	12	4.00	1.50	2.00	1.50	2.00	1.50	0.028				
	24	3.00	2.00	2.00	2.00	3.00	2.00	0.293				
	52	2.00	1.00	1.00	1.50	1.00	2.50	0.751				
	104	1.00	1.50	1.00	1.00	1.00	1.50	0.762				
ΔVAS (vs week 0)	2	1.00	1.50	1.00	1.50	1.00	2.00	0.921				
	4	2.00	2.00	2.00	1.50	2.00	1.50	0.496				
	8	2.00	2.00	2.00	2.25	3.00	1.50	0.314				
	12	2.00	2.50	2.50	2.00	3.75	2.00	0.373				
	24	3.00	1.50	2.50	2.00	3.00	2.00	0.100				
	52	5.00	1.50	3.00	2.00	3.00	2.25	0.441				
	104	4.00	3.00	4.00	2.00	4.00	2.50	0.499				

QDASH	0	52.27	15.91	47.61	13.14	52.27	12.50	0.325				
	2	47.73	18.18	35.23	11.93	43.18	18.35	0.353				
	4	47.73	15.91	35.23	11.93	35.23	16.48	0.084				
	8	52.27	15.91	29.55	14.77	29.55	20.45	0.014	0.026	0.018	1.000	
	12	43.18	18.18	27.27	13.07	25.00	20.45	0.008	0.008	0.020	1.000	
	24	31.82	18.18	15.91	22.73	29.55	21.59	0.108				
	52	28.41	21.59	13.64	21.59	29.55	23.86	0.306				
	104	23.86	21.59	13.64	17.05	7.96	21.59	0.828				
Δ QDASH (vs week 0)	2	-0.01	9.18	6.81	13.70	9.09	17.39	0.197				
	4	4.54	13.63	14.77	15.34	15.90	18.18	0.017	0.123	0.013	0.836	
	8	2.27	14.77	17.04	16.60	18.18	18.18	0.012	0.118	0.009	0.677	
	12	0.00	12.50	22.72	14.21	23.64	19.20	0.004	0.013	0.004	1.000	
	24	11.36	14.77	27.27	13.64	19.31	23.86	0.285				
	52	20.45	18.18	27.27	19.32	19.32	23.29	0.743				
	104	23.86	26.14	29.55	12.50	37.73	21.59	0.424				
PRTEE	0	54.00	10.00	50.75	11.75	52.50	16.00	0.643				
	2	39.50	15.75	26.25	16.50	29.25	15.00	0.545				
	4	36.00	16.25	26.00	12.00	21.00	14.25	0.112				
	8	33.00	17.25	21.75	16.00	19.50	13.50	0.042	0.105	0.043	1.000	
	12	36.50	17.50	15.75	11.50	18.00	13.25	0.007	0.007	0.017	1.000	
	24	24.50	14.75	10.00	19.50	15.00	16.75	0.293				
	52	19.25	16.00	9.50	14.00	15.00	15.50	0.607				
	104	9.25	14.75	7.25	11.50	3.25	14.00	0.912				
Δ PRTEE (vs week 0)	2	14.50	6.75	14.25	12.63	15.50	13.75	0.995				
	4	17.50	9.25	23.50	13.38	26.40	19.50	0.308				
	8	21.50	18.50	26.50	17.50	26.75	15.00	0.313				
	12	14.00	19.25	31.00	16.00	27.00	14.88	0.050	0.046	0.158	1.000	
	24	31.00	19.25	31.25	16.25	27.20	18.25	0.769				
	52	33.25	15.25	38.00	20.00	27.75	15.38	0.662				
	104	38.00	18.50	38.25	16.25	37.50	16.00	0.957				

PROM	week	Genotypes of rs62433334						P value			
		CC		CG		GG		Kruskal-Wallis test	CC vs CG	CC vs GG	CG vs GG
		Median	±QD	Median	±QD	Median	±QD				
VAS	0	6.00	1.50	6.00	1.50	6.50	1.50	0.407			
	2	3.50	1.50	4.00	1.50	4.00	2.00	0.486			
	4	3.00	1.50	3.00	1.50	3.50	1.50	0.809			
	8	3.00	1.50	3.00	2.00	3.50	2.50	0.643			
	12	2.00	1.50	2.00	1.50	3.00	1.50	0.930			
	24	2.00	1.50	2.00	2.00	3.50	2.50	0.636			
	52	2.00	1.50	1.00	2.50	2.50	1.50	0.376			
	104	0.00	1.50	2.00	2.00	1.00	1.50	0.100			
ΔVAS (vs week 0)	2	1.00	1.50	1.00	1.50	1.00	1.50	0.833			
	4	2.00	2.00	2.00	1.50	2.50	1.00	0.555			
	8	2.00	2.00	3.00	2.00	3.00	1.50	0.717			
	12	2.00	2.25	3.00	2.00	4.00	2.00	0.423			
	24	2.50	2.00	3.00	2.00	4.00	1.00	0.913			
	52	4.00	2.50	2.00	2.50	5.00	1.50	0.182			
	104	4.00	2.50	3.00	2.50	5.00	1.00	0.166			
	QDASH	0	52.27	14.77	52.27	11.37	55.68	12.50	0.548		
2		37.50	14.20	43.18	15.91	37.50	26.14	0.705			
4		35.23	14.20	36.36	12.50	43.18	17.05	0.686			
8		31.82	19.32	34.09	18.18	40.91	17.05	0.694			
12		27.27	15.91	34.09	17.05	30.68	21.59	0.942			
24		29.55	21.59	20.45	21.59	25.00	22.73	0.766			
52		13.64	22.73	22.73	22.73	15.91	10.23	0.372			
104		13.64	20.45	19.09	21.59	2.27	4.55	0.095			
ΔQDASH (vs week 0)	2	6.82	12.50	4.54	12.50	-1.14	17.05	0.499			
	4	13.63	14.77	11.36	16.02	10.23	19.32	0.765			
	8	14.77	15.98	15.91	18.30	11.36	26.14	0.916			
	12	18.18	14.77	20.45	17.05	30.68	28.41	0.943			
	24	23.86	19.88	18.18	19.32	27.27	19.32	0.931			
	52	23.86	20.45	17.91	20.46	32.95	11.36	0.183			
	104	34.09	21.59	27.27	22.27	52.27	9.09	0.031	0.295	0.369	0.044
	PRTEE	0	50.50	15.25	52.50	11.50	60.50	11.25	0.328		
2		24.75	14.75	31.50	15.25	42.50	21.25	0.326			
4		24.75	12.63	24.50	12.75	35.00	14.75	0.638			

	8	21.50	13.75	26.50	15.50	34.00	22.75	0.696			
	12	20.00	13.50	21.00	15.00	19.00	25.75	0.861			
	24	19.50	17.50	13.00	16.25	14.00	13.75	0.791			
	52	10.50	14.00	13.00	19.50	9.50	8.75	0.244			
	104	4.00	12.75	11.00	20.25	1.25	4.25	0.070			
Δ PRTEE (vs week 0)	2	15.00	11.25	14.50	13.25	14.75	8.00	0.992			
	4	18.00	13.00	26.40	10.75	28.75	14.50	0.734			
	8	24.75	14.38	28.00	16.75	21.50	22.00	0.782			
	12	27.50	17.00	30.50	12.75	37.00	23.50	0.379			
	24	27.75	16.25	31.00	19.00	37.50	19.00	0.393			
	52	36.50	18.00	29.00	17.25	38.50	10.25	0.141			
	104	38.50	15.75	33.50	15.50	55.25	11.25	0.035	0.650	0.189	0.034

Legend: *PDGFA*. platelet-derived growth factor alpha gene; QD. Quartile Deviation; PROMs. patient-reported outcome measures; VAS. Visual Analog Scale; QDASH. quick version of Disabilities of the Arm, Shoulder and Hand score; PRTEE. Patient-Rated Tennis Elbow Evaluation.