

TABLE 1 Summary of the physical parameters measured in optical force probe assays of the PCM on the RCJ-P cell line for both control cells and cells modified with exogenous aggrecan

Average values	Control (<i>n</i> = 30)	Aggrecan-treated (<i>n</i> = 17)
F_{dyn} peak (pN)	9.1 ± 0.9	9.7 ± 1.2
F_{eq} (pN)	5.5 ± 0.7	3.9 ± 0.9
$L_{0,PEA}$ (μm)	7.0 ± 0.5 (<i>n</i> = 114)	17.6 ± 1.3 (<i>n</i> = 86)
$L_{o,dyn}$ (μm)	11.5 ± 1.1	14.1 ± 1.2
$L_{o,eq}$ (μm)	8.0 ± 0.6	13.1 ± 2.1 (<i>n</i> = 11)

The error reported is twice the SE.