

Lim et al Table_EV2

Parameter	Symbol	Value
Number of cells	N_c	150
Cell height ratio		15/cell diameter
Friction coefficient	eta	0.07
Basal friction coefficient	eta_basal	eta*600
Volume penalty	lambda_v	1
Target volume	V_n0	Initial cell volume
Surface area elasticity apical	lambda_sf_a	1.4
Surface area elasticity lateral	lambda_sf_lat	lambda_sf_a*0.01
Surface area elasticity basal	lambda_sf_b	lambda_sf_a*0.1
Target face area	A_f0	0.92 * initial face area
Target cell area	A_0	0.92 * initial cell area
Line tension elasticity	k_lt	0
Target edge length apical	l_0_apical	0.0075
Target edge length lateral	l_0_lat	0.1578
Target edge length basal	l_0_b	0.0075
Cell shape deformation	lambda_e_AR	8E-07
Substrate adhesion	k_sub	0.1
Target z-coordinate	y_z0	-0.24
Remodelling stiffness	R_m	0.7
Table EV2: Parameters used for the initial geometry simulation. These values have arbitrary units.		