Supplementary Data

A **Average Tubule Diameter**

RGDS vs.	IKVAV	IKVAV/RGDS	YIGSR	YIGSR/RGDS
7 days	**	*	**	**
14 days	*	**	**	**
28 days	**	**	**	**

IKVAV vs.	IKVAV/RGDS	YIGSR	YIGSR/RGDS
7 days	ns	*	**
14 days	ns	ns	**
28 days	**	**	**

IKVAV/RGDS vs.	YIGSR	YIGSR/RGDS
7 days	**	**
14 days	ns	**
28 days	ns	**

YIGSR vs.	YIGSR/RGDS
7 days	ns
14 days	**
28 days	**

B **Total Tubule Length per volume**

RGDS vs.	IKVAV	IKVAV/RGDS	YIGSR	YIGSR/RGDS
7 days	**	ns	**	**
14 days	**	**	**	**
28 days	*	**	**	**

IKVAV vs.	IKVAV/RGDS	YIGSR	YIGSR/RGDS
7 days	**	**	**
14 days	*	*	**
28 days	**	**	**

IKVAV/RGDS vs.	YIGSR	YIGSR/RGDS
7 days	**	**
14 days	ns	**
28 days	ns	**

YIGSR vs.	YIGSR/RGDS
7 days	*
14 days	**
28 days	**

SUPPLEMENTARY FIG. S1. Bonferroni *post hoc* analysis shows individual significant differences between laminin peptide groups and their effect on **(A)** average tubule diameter and **(B)** total tubule length per volume. $*p < 0.05$; $**p < 0.01$; ns, not significant.