

Supporting Information for:

Lythrum salicaria Ellagitannins Stimulate IPEC-J2 Cells Monolayer Formation and Inhibit Enteropathogenic *Escherichia coli* Growth and Adhesion.

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Table S2. Spearman correlation analysis between TEER and TJ levels in IPEC-J2 monolayers cultured from day 7 in medium containing *Lythrum salicaria extract* (LSH) at concentration of 100 and 500 µg/mL, castalagin (**1**), vescalagin (**2**), salicarinin A (**3**) or salicarinin B (**4**) at the concentration 20 µM.

	Conc [µg/mL or µM]	TEER	Claudin 3	Claudin 4	ZO-1		N	R (Spearman)	t(N-2)	p
PBS	0	1953	0.58	0.47	1.43					
PBS	0	2173	1.05	1.16	0.86	Conc vs. TEER	9	0.948683	7.937254	0.000096
PBS	0	2228	1.37	1.37	0.70	TEER vs. Claudin 3	9	-0.216667	-0.587195	0.575515
LSH	100	2355	1.09	1.55	2.78	TEER vs. Claudin 4	9	0.783333	3.334136	0.012520
LSH	100	2514	1.29	1.62	1.22	TEER vs. ZO-1	9	0.266667	0.732042	0.487922
LSH	100	2387	0.96	1.77	1.71					
LSH	500	3040	0.83	2.07	2.27					
LSH	500	3054	0.87	1.57	1.99					
LSH	500	3109	0.58	1.68	1.03					
PBS	0	1953	0.29	0.29	1.11					
PBS	0	2173	1.31	0.98	0.83	Conc vs. TEER	9	0.821584	3.812933	0.006603
PBS	0	2228	1.40	1.73	1.06	TEER vs. Claudin 3	9	-0.066667	-0.176777	0.864690
1	20	2654	1.19	1.62	1.45	TEER vs. Claudin 4	9	0.383333	1.098087	0.308495
1	20	2642	1.02	1.52	1.38	TEER vs. ZO-1	9	0.050000	0.132453	0.898353
1	20	2592	1.15	1.24	0.70					
2	20	2672	1.27	1.20	1.22					
2	20	2532	0.96	1.27	0.64					
2	20	2843	0.60	1.37	0.12					
PBS	0	1953	0.79	0.30	1.13					
PBS	0	2173	1.10	0.90	0.65	Conc vs. TEER	9	0.821584	3.812933	0.006603
PBS	0	2228	1.11	1.81	1.22	TEER vs. Claudin 3	9	0.233333	0.634866	0.545699
3	20	2712	1.20	1.92	0.78	TEER vs. Claudin 4	9	0.666667	2.366432	0.049867
3	20	2622	1.18	2.03	0.37	TEER vs. ZO-1	9	0.050000	0.132453	0.898353
3	20	2572	1.13	2.06	0.07					
4	20	2812	1.06	2.31	1.15					
4	20	2809	0.97	1.52	0.68					
4	20	2522	1.00	1.72	0.04					