



Figure S1. The volcano plot of DE miRNA.

Table S1. Go enrichment terms.

Category	GO Term	Description	Count	P.value
BP	GO:0009617	response to bacterium	16	5.23E-10
BP	GO:0006820	anion transport	15	7.03E-10
BP	GO:0015711	organic anion transport	14	2.44E-10
BP	GO:0046942	carboxylic acid transport	12	5.04E-10
BP	GO:0015849	organic acid transport	12	5.2E-10
BP	GO:0098656	anion transmembrane transport	10	2.7E-08
BP	GO:1905039	carboxylic acid transmembrane transport	8	1.29E-08
BP	GO:1903825	organic acid transmembrane transport	8	1.36E-08
BP	GO:0034341	response to interferon-gamma	8	1.44E-07
BP	GO:0007584	response to nutrient	8	2.68E-07
CC	GO:0098862	cluster of actin-based cell projections	11	1.38E-12
CC	GO:0031253	cell projection membrane	11	8.97E-09
CC	GO:0045177	apical part of cell	11	5.85E-08
CC	GO:0016324	apical plasma membrane	10	1.11E-07
CC	GO:0005903	brush border	9	2.64E-11
CC	GO:0031526	brush border membrane	7	3.8E-10
CC	GO:0030667	secretory granule membrane	6	0.000283
CC	GO:0045121	membrane raft	6	0.00043
CC	GO:0098857	membrane microdomain	6	0.000437
CC	GO:0098589	membrane region	6	0.000535
MF	GO:0008509	anion transmembrane transporter activity	11	5.79E-09
MF	GO:0022804	active transmembrane transporter activity	11	8.71E-09
MF	GO:0008514	organic anion transmembrane transporter activity	10	1.81E-09
MF	GO:0015291	secondary active transmembrane transporter activity	10	1.96E-09
MF	GO:0046943	carboxylic acid transmembrane transporter activity	9	1.26E-09
MF	GO:0005342	organic acid transmembrane transporter activity	9	1.32E-09
MF	GO:0015293	symporter activity	8	9.86E-09
MF	GO:0042379	chemokine receptor binding	5	1.99E-06
MF	GO:0045236	CXCR chemokine receptor binding	4	2.03E-07
MF	GO:0015175	neutral amino acid transmembrane transporter activity	4	2.97E-06

Table S2. qRT-PCR results of mmu-mir-429-3p.

Sample	mmu-mir-429-3p
CD	1.011322
CD	0.926412
CD	1.158746
CD	1.358521
CD	1.065476
CD	0.812698
CD	1.281157
CD	1.168716
CD	1.258985
CD	1.029942
N	3.608006
N	2.751811
N	4.35258
N	3.125675
N	2.924217
N	3.561489
N	4.088649
N	3.343249
N	4.452489
N	3.751452

Table S3. qRT-PCR results of PTGS2.

Sample	PTGS2
CD	39.49113525
CD	42.14122784
CD	37.51276914
CD	38.15186518
CD	42.95114746
CD	38.47126796
CD	35.79617861
CD	37.15972238
CD	36.99123658
CD	39.48722482
N	17.73539739
N	17.79999674
N	10.21574802
N	12.52272219
N	15.51254522
N	16.15521893
N	13.41256874
N	11.55128513
N	13.84229218
N	16.68430149