

Table S2. Fold changes of miRNAs relative to C57BL/6 memory CD4<sup>+</sup> T cells\*

miRNA	LATY136F vs B6 memory	HP vs B6 memory	H poly vs B6 memory
mmu-miR-150	2.19695	1.07103	1.51488
mmu-miR-142-3p	1.0034	-1.31513	1.12475
mmu-miR-16	-1.67888	-1.62237	-1.42119
mmu-miR-15b	-2.89945	-2.35347	-1.79183
mmu-let-7g	-1.49148	-1.41898	-1.08558
mmu-miR-29b	1.05106	-1.60367	-1.00967
mmu-miR-29a	-1.06478	-1.55685	1.16956
mmu-let-7a	-1.04749	-1.41509	1.00234
mmu-miR-30b	1.08594	-1.72808	1.08626
mmu-let-7f	1.0382	-1.66724	1.03435
mmu-miR-21	1.51677	1.26505	-1.13461
mmu-let-7c	-1.35482	-2.68554	-1.12978
mmu-miR-181a	-17.4903	-14.0831	-1.0235
mmu-miR-106a+17	1.14555	1.20258	-1.03308
mmu-miR-25	1.05456	1.20134	1.0911
mmu-miR-15a	1.29897	1.49167	1.09619
mmu-let-7d	-1.14731	-1.01447	-1.0006
mmu-let-7b	1.13457	-1.05988	1.7089
mmu-miR-342-3p	1.02256	-1.63746	1.80173
mmu-miR-26b	-1.45396	-2.19457	-1.07126
mmu-miR-106b	-1.15334	1.03817	-1.22039
mmu-miR-19a	1.30646	1.34478	-1.21508
mmu-miR-669f	-3.89756	-1.26188	-1.13973
mmu-miR-30d	-1.16327	-1.17778	-1.1614
mmu-miR-20a/b	1.17816	-1.15987	1.00719
mmu-miR-151-3p	2.1597	1.46293	1.39877
mmu-miR-297c	1.44329	2.71667	1.35083
mmu-miR-29c	1.65757	-1.26198	1.17455
mmu-miR-30e	-1.72096	-1.56805	-1.34223
mmu-miR-151-5p	2.12685	1.26771	1.35749
mmu-miR-19b	1.55759	1.49099	1.08504
mmu-miR-155	1.03319	-2.25876	-2.0728
mmu-miR-467f	-2.41647	-1.41493	1.06179
mmu-miR-378	-1.61162	-1.83553	-1.57119
mmu-miR-466a/b-3p	-5.8748	-1.87003	-1.83297
mmu-miR-146a	1.03512	1.09331	-1.14623
mmu-miR-145	-1.22838	1.34389	-1.7565
mmu-miR-10a	-1.41813	-1.33837	-1.41529

<b>mmu-miR-191</b>	1.20741	-1.15287	1.04192
<b>mmu-miR-27a</b>	1.23184	1.08216	1.10734
<b>mmu-miR-140</b>	-1.90049	-1.59822	-1.45115
<b>mmu-miR-23b</b>	1.53963	-1.26188	1.29325
<b>mmu-miR-361</b>	2.00927	-2.52426	1.05081
<b>mmu-miR-22</b>	1.24474	1.4968	1.44119
<b>mmu-miR-26a</b>	-1.17534	1.15974	1.0645
<b>mmu-miR-2183</b>	-1.14149	1.53836	1.2839
<b>mmu-miR-423-5p</b>	-1.42474	-2.40312	-1.0999
<b>mmu-miR-30c</b>	1.04706	-1.21548	1.00713
<b>mmu-miR-466g</b>	-1.27593	-1.06548	1.07187
<b>mmu-miR-547</b>	-1.49571	1.44307	1.29876
<b>mmu-miR-338-5p</b>	1.13483	1.00861	-1.62015
<b>mmu-let-7i</b>	1.60413	1.20827	1.00162
<b>mmu-miR-883b-3p</b>	1.58813	3.16969	1.64827
<b>mmu-miR-103</b>	1.16792	-1.0725	1.45481
<b>mmu-miR-374</b>	2.48925	2.11304	1.72402
<b>mmu-miR-30a</b>	-1.17488	-1.07511	1.07523
<b>mmu-miR-1949</b>	-3.8752	-1.98218	-1.5119
<b>mmu-miR-345-3p</b>	1.07307	2.58462	1.26491
<b>mmu-miR-101b</b>	2.05917	1.50131	-1.08846
<b>mmu-miR-340-5p</b>	-1.67843	1.06984	1.30964
<b>mmu-miR-544</b>	1.05357	1.69865	-1.4435
<b>mmu-miR-423-3p</b>	1.46465	1.58477	1.21208
<b>mmu-miR-200b</b>	1.06385	1.78321	1.63697
<b>mmu-miR-98</b>	-1.10431	1.15026	1.03228
<b>mmu-miR-148b</b>	-1.22254	-1.56198	-1.11677
<b>mmu-miR-669i</b>	1.05087	1.11846	1.11192
<b>mmu-miR-148a</b>	3.59669	2.77345	1.01385
<b>mmu-miR-484</b>	1.27595	1.10914	1.06672
<b>mmu-miR-139-5p</b>	-4.02905	1.38671	1.1519
<b>mmu-miR-301a</b>	1.5655	1.4266	1.22195
<b>mmu-miR-135b</b>	-1.48886	-1.33275	-1.00523
<b>mmu-miR-376a</b>	1.51693	1.44707	1.45513
<b>mmu-miR-489</b>	1.33716	2.2074	-1.20276
<b>mmu-miR-876-3p</b>	1.33716	1.69815	-1.37501
<b>mmu-miR-132</b>	1.46216	-2.6923	-1.83298
<b>mmu-miR-23a</b>	-1.08255	1.05278	1.24678
<b>mmu-miR-539</b>	-1.12584	1.86082	1.26491
<b>mmu-miR-93</b>	1.61681	2.61558	1.60074
<b>mmu-miR-125a-5p</b>	2.20878	-2.47109	1.08335
<b>mmu-miR-130b</b>	1.85674	1.0809	-1.25973
<b>mmu-let-7e</b>	1.5314	-1.16869	-1.22755

<b>mmu-miR-350</b>	-1.67911	-1.57765	-1.03144
<b>mmu-miR-24</b>	1.41813	1.05664	-1.17839
<b>mmu-miR-107</b>	-1.05358	1.09744	1.23099
<b>mmu-miR-1902</b>	1.98491	1.32052	2.34317
<b>mmu-miR-96</b>	3.08417	4.30809	1.63629

\*Fold changes for miRNAs with Nanostring counts that passed the minimum intensity filter. miRNAs are ordered by rows according to expression in C57BL/6 naïve CD4<sup>+</sup> T cells beginning with highest expression on the top. LAT Y136F indicates LAT Y136F CD4<sup>+</sup> T cells, B6 HP indicates C57BL/6 CD4<sup>+</sup> T cells undergoing homeostatic proliferation, B6 H poly indicates C57BL/6 CD4<sup>+</sup> T cells from *H. polygyrus*-infected mice and B6 memory indicates C57BL/6 CD4<sup>+</sup> T cells that are also CD44<sup>hi</sup>CD62L<sup>lo</sup>.