

Source Data File

Mucosal-Associated Invariant T cells promote
inflammation and intestinal dysbiosis
leading to metabolic dysfunction during
obesity

Toubal et al.

A

OTUs	p value	Vα19 ^{-/-} vs. Vα19 ^{+/-}
Cluster_165	0.014	
Cluster_175	0.011	
Cluster_298	0.0091	
Cluster_3	0.0019	
Cluster_309	0.0042	
Cluster_179	0.0063	
Cluster_203	0.0085	
Cluster_316	0.0002	
Cluster_323	0.012	
Cluster_342	0.0069	
Cluster_406	0.0016	
Cluster_691	0.0023	
Cluster_640	0.0096	
Cluster_602	0.016	
Cluster_635	0.006	
Cluster_423	0.0077	
Cluster_433	0.0019	
Cluster_647	0.005	

B

OTUs	p value	MR1 ^{+/-} vs. MR1 ^{-/-}
Cluster_21	0.0055	
Cluster_451	0.0052	
Cluster_556	0.01	

C

OTUs	p value	T-MR1 ^{+/-} vs. T-MR1 ^{-/-}
Cluster_556	0.0062	
Cluster_204	0.04	
Cluster_162	0.033	
Cluster_114	0.0087	
Cluster_319	0.045	
Cluster_1403	0.02	
Cluster_1293	0.033	
Cluster_451	0.015	
Cluster_21	0.015	

D

OTUs	p value	T-Vα19 ^{-/-} vs. T-Vα19 ^{+/-}
Cluster_1187	0.034	
Cluster_1067	0.041	
Cluster_1011	0.027	
Cluster_1135	0.045	
Cluster_55	0.0041	
Cluster_325	0.0096	
Cluster_312	0.0006	
Cluster_1243	0.021	
Cluster_1371	0.049	
Cluster_1681	0.03	
Cluster_1883	0.018	
Cluster_2336	0.041	
Cluster_2164	0.038	
Cluster_309	0.023	
Cluster_2203	0.025	
Cluster_254	0.023	
Cluster_262	0.037	
Cluster_139	0.048	
Cluster_275	0.038	
Cluster_563	0.0005	

Figure 3c pAKT and AKT Vα19+/- vs Vα19-/- (+/- insulin)



pAKT and AKT MR1+/- vs MR1-/- (+/- insulin)

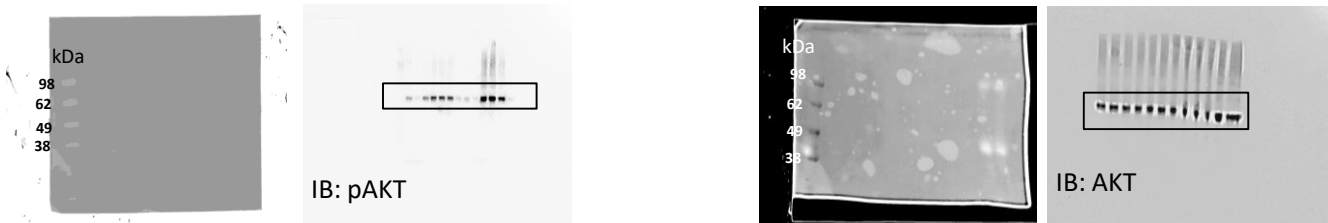
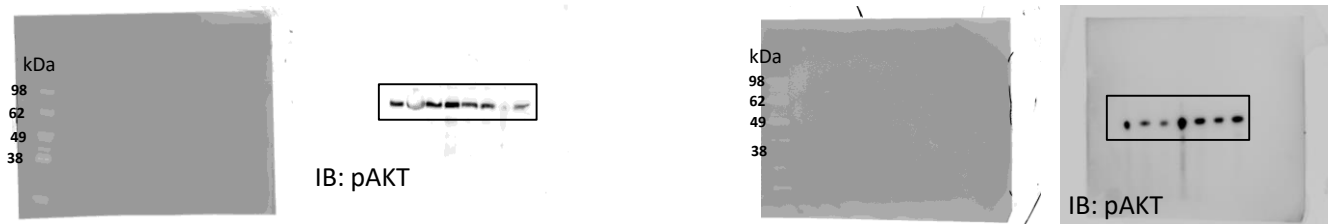


Figure S5b Muscle pAKT and AKT Vα19+/- vs Vα19-/- (+/- insulin)



Muscle pAKT and AKT MR1+/- vs MR1-/- (+/- insulin)

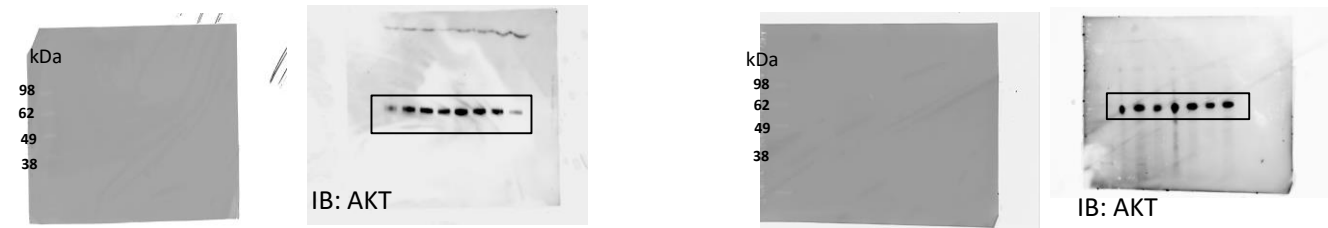
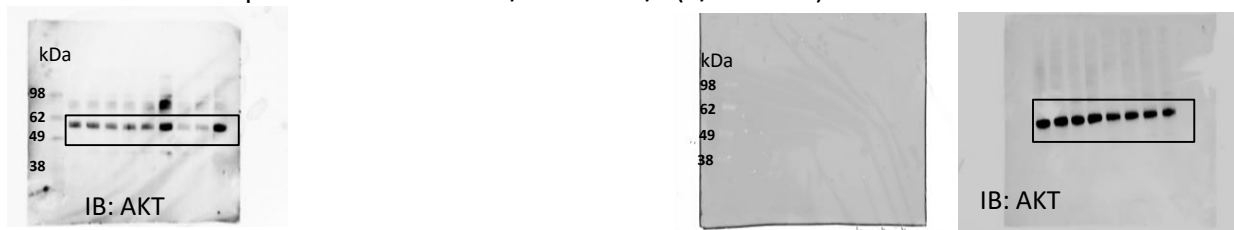


Figure S5c Liver pAKT and AKT Vα19+/- vs Vα19-/- (+/- insulin)



Liver pAKT and AKT MR1+/- vs MR1-/- (+/- insulin)



Groups	Sample number
Vα19-/-	13
Vα19+/-	12
Vα19-/- microbiota transfer (T-Vα19 ^{-/-})	12
Vα19+/- microbiota transfer (T-Vα19 ^{+/-})	11
MR1+/-	13
MR1-/-	12
MR1+/- microbiota transfer (T-MR1 ^{+/-})	10
MR1-/- microbiota transfer (T-MR1 ^{-/-})	11