

Table S4: Phenotypes measured from patients enrolled in the COAT trial (clinical and cytokines) and *in vitro*.

Class	Phenotype	Lines with data missing
Clinical	LFA titer	UgCI390, UgCI447, UgCI450, UgCI461, UgCI462, UgCI466, UgCI468, UgCI495 UgCI541
Clinical	protein	UgCI447, UgCI450, UgCI461, UgCI462, UgCI466, UgCI468, UgCI495 UgCI541
Clinical	HIV-viral	UgCI360, UgCI395, UgCI447, UgCI547
Clinical	EFA	UgCI332, UgCI447
Clinical	CD4	UgCI447
Clinical	CSF WBC	UgCI360, UgCI395, UgCI447, UgCI547
Clinical	Survival	UgCI447
Cytokines	IL1-b	UgCI447, UgCI461, UgCI541
Cytokines	IL2	UgCI447, UgCI461, UgCI541
Cytokines	IL4	UgCI447, UgCI461, UgCI541
Cytokines	IL-5	UgCI447, UgCI461, UgCI541
Cytokines	IL-6	UgCI447, UgCI461, UgCI541
Cytokines	IL-7	UgCI447, UgCI461, UgCI541
Cytokines	IL-8	UgCI447, UgCI461, UgCI541
Cytokines	IL-10	UgCI447, UgCI461, UgCI541
Cytokines	IL-12	UgCI447, UgCI461, UgCI541
Cytokines	IL-13	UgCI447, UgCI461, UgCI541
Cytokines	IL-17	UgCI447, UgCI461, UgCI541
Cytokines	GCSF	UgCI447, UgCI461, UgCI541
Cytokines	GMCSF	UgCI447, UgCI461, UgCI541
Cytokines	IFNg	UgCI447, UgCI461, UgCI541
Cytokines	MCP1	UgCI447, UgCI461, UgCI541
Cytokines	TNFα	UgCI447, UgCI461, UgCI541
Cytokines	MIP1b	UgCI447, UgCI461, UgCI541
<i>in vitro</i>	uptake	UgCI212
<i>in vitro</i>	adherence	UgCI212
<i>in vitro</i>	chitin	UgCI212, UgCI549
<i>in vitro</i>	absolute growth	UgCI357, UgCI422
<i>in vitro</i>	fluconazole MIC	UgCI357, UgCI422
<i>in vitro</i>	amphoterecin B MIC	UgCI357, UgCI422
<i>in vitro</i>	sertraline MIC	UgCI357, UgCI422