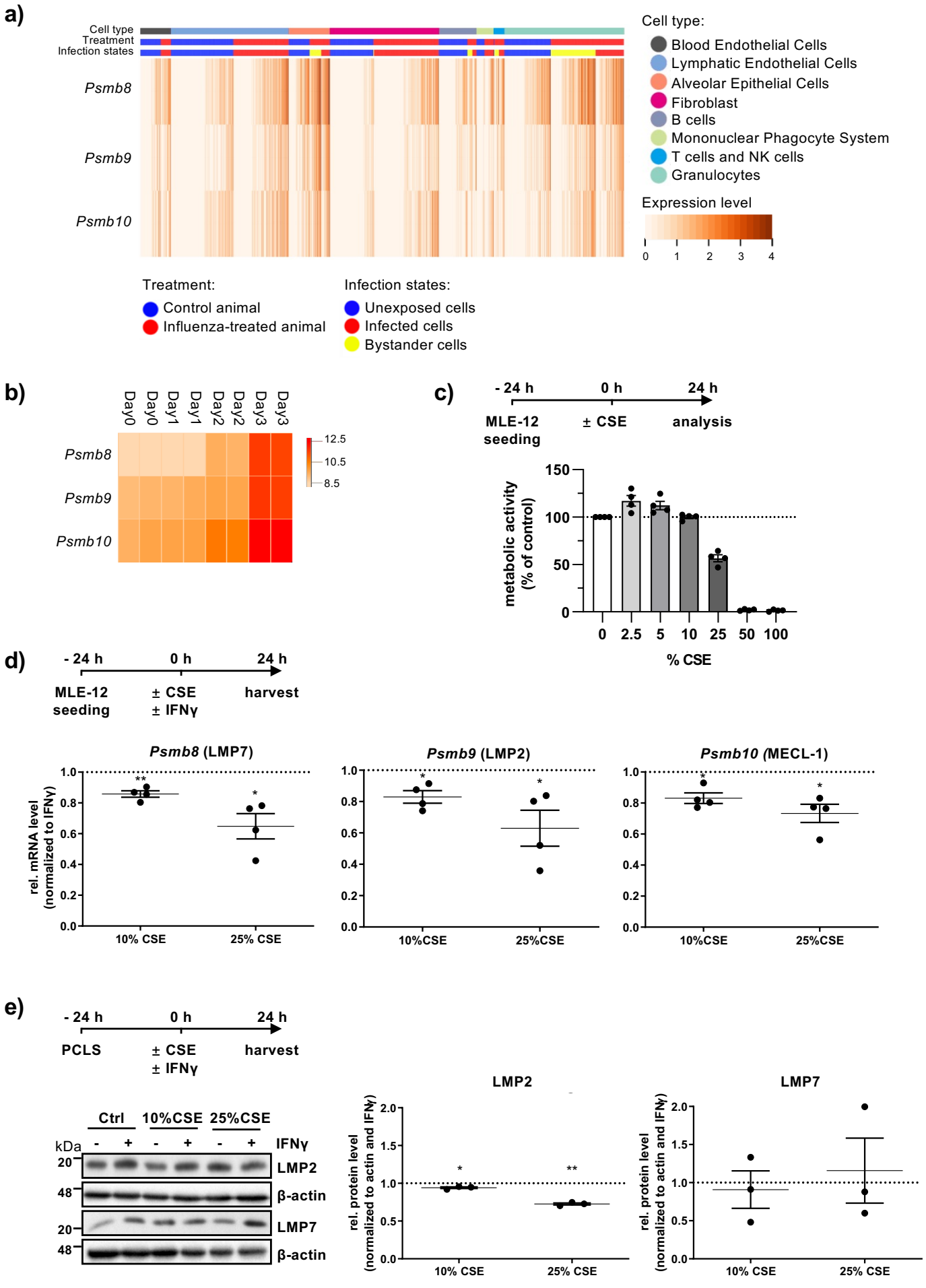
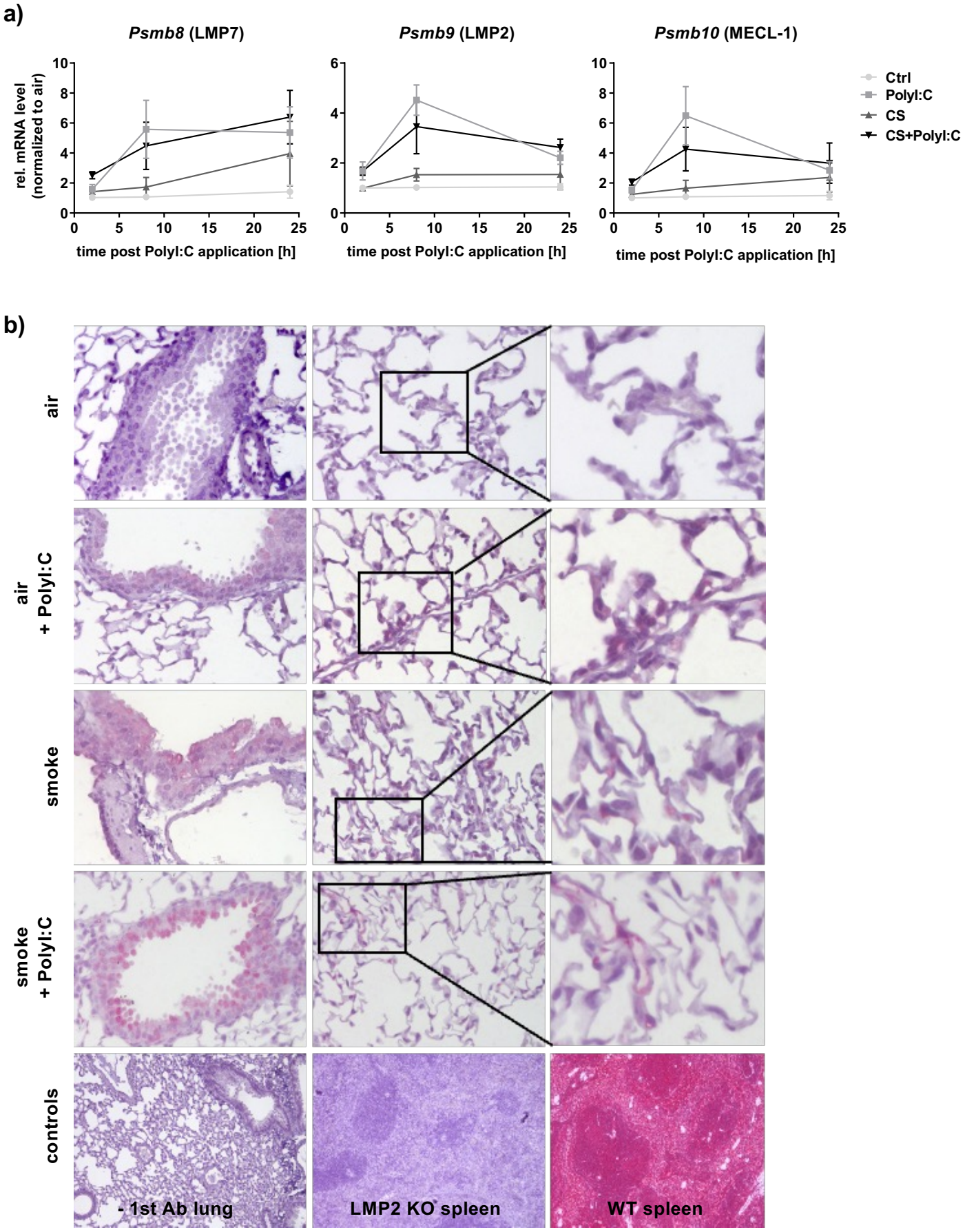
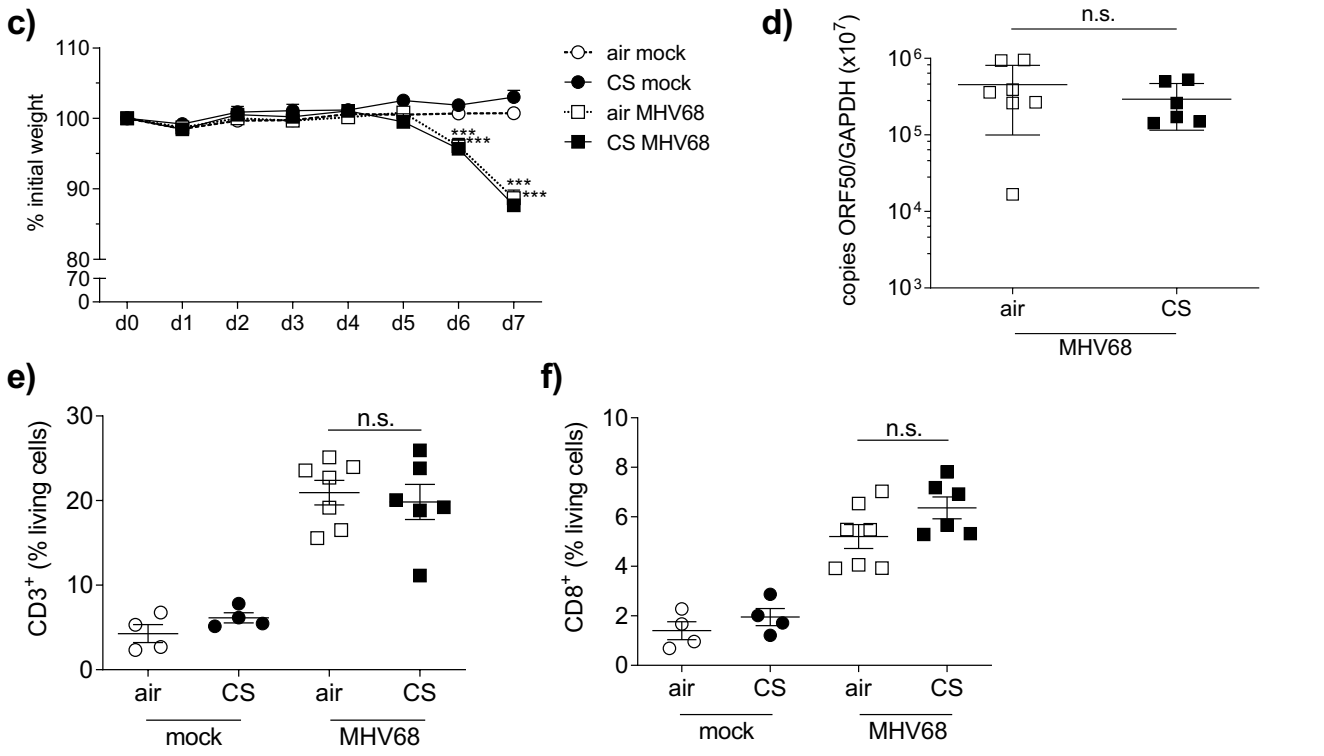


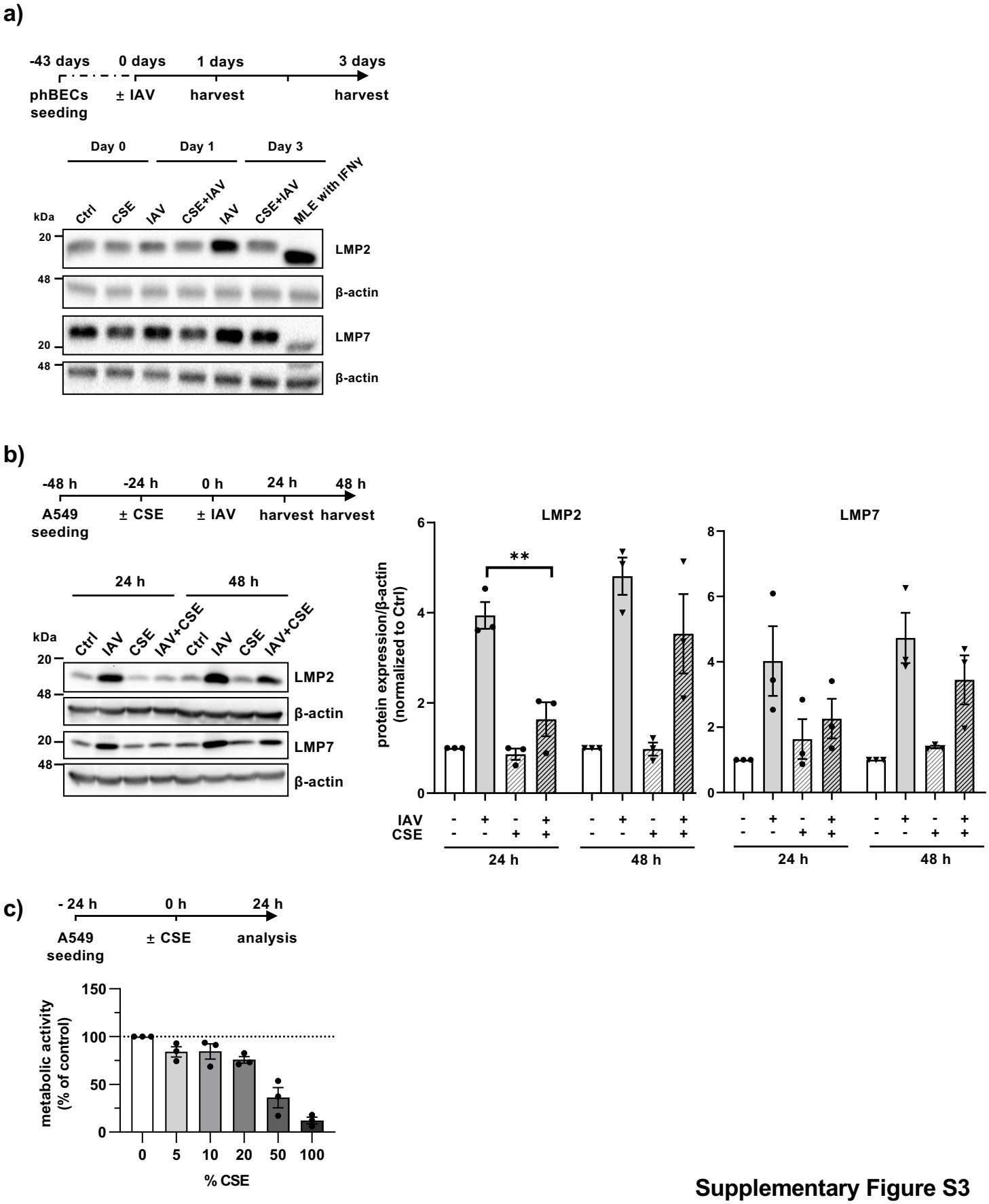
Supplemental Figure S1



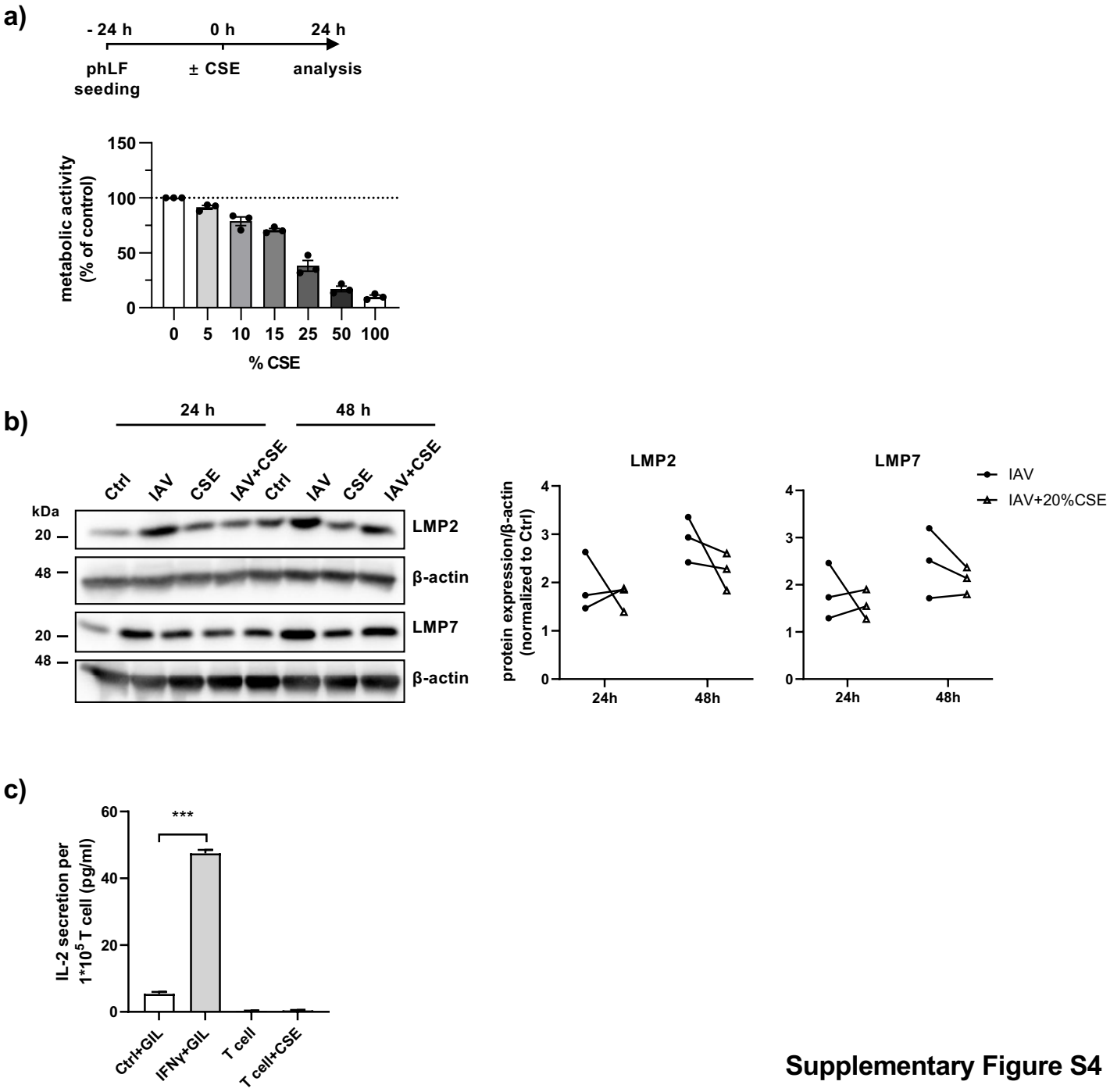
Supplementary Figure S2



Supplementary Figure S2

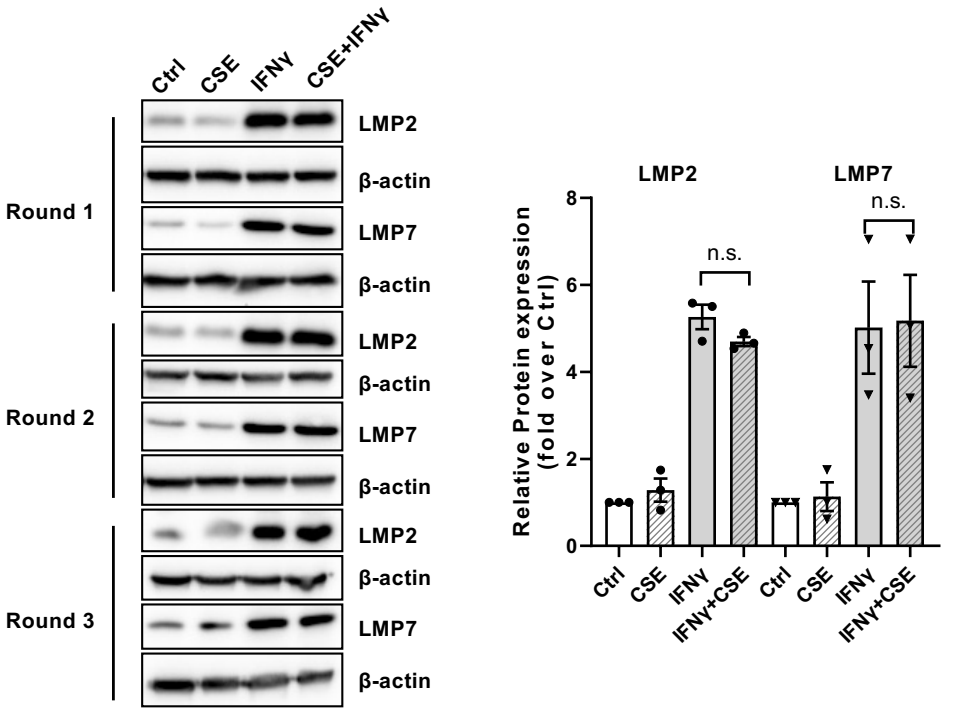


Supplementary Figure S3

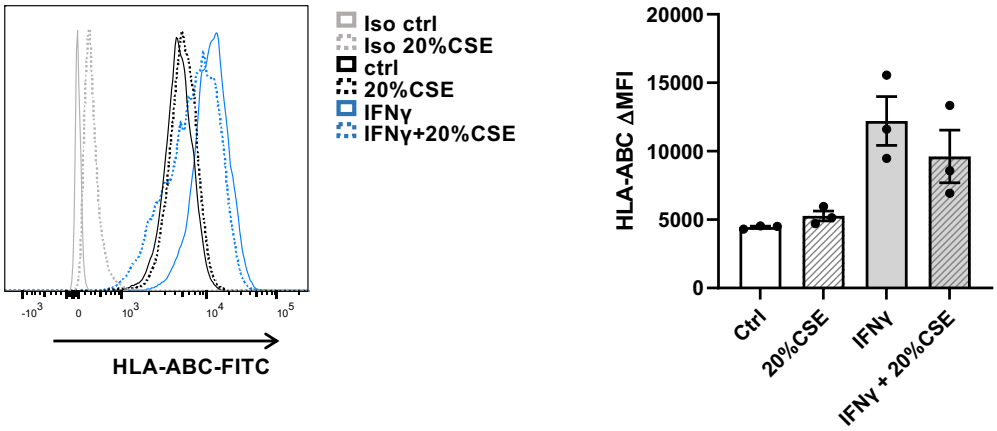


Supplementary Figure S4

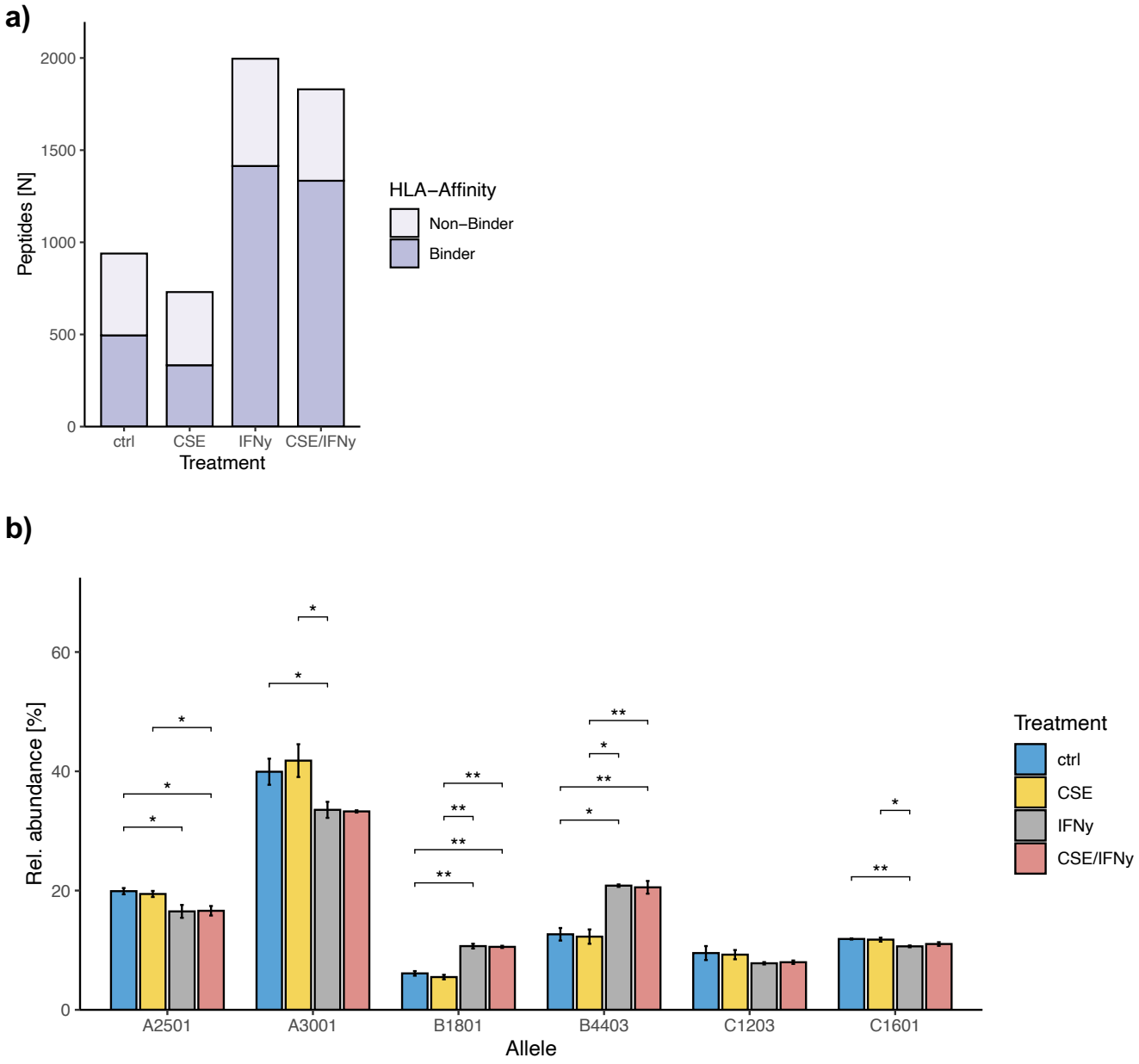
a)



b)

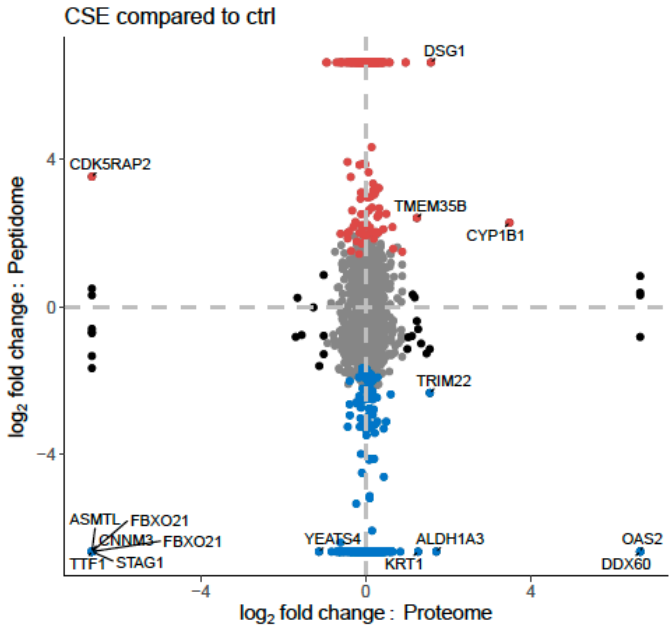


Supplementary Figure S5

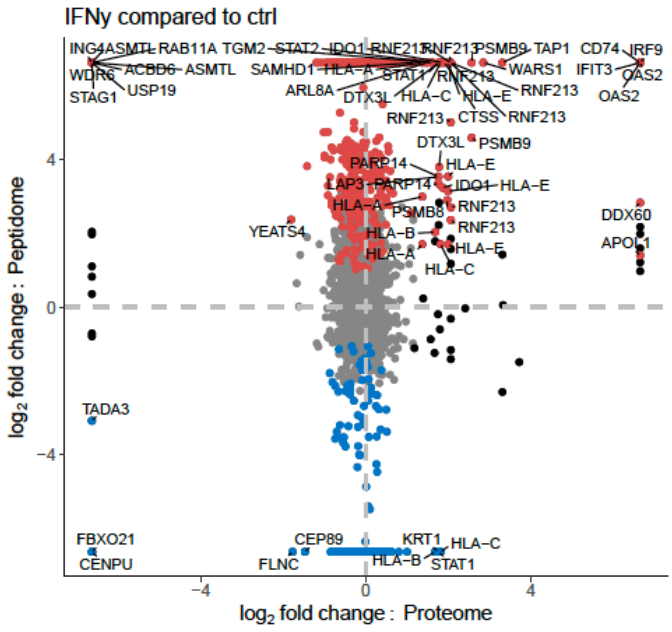


Supplementary Figure S6

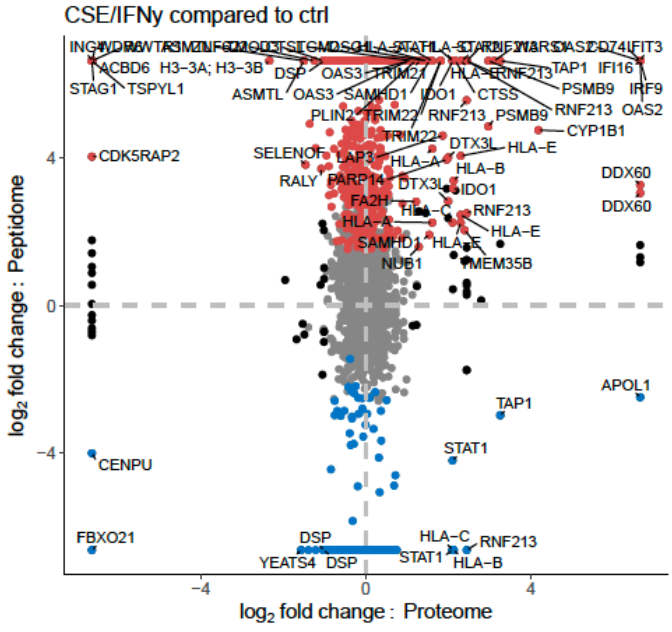
c)



n		Proteome -	=	+
Immuno-peptidome	+	8	234	6
	=	**37**	1314	**18**
	-	16	418	5



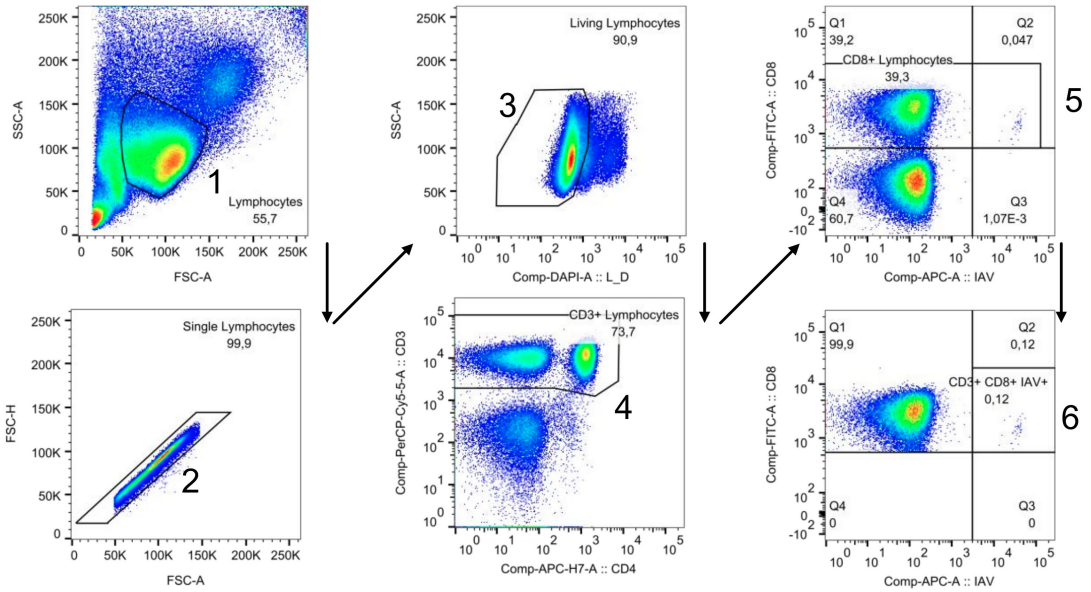
n		Proteome -	=	+
Immuno-peptidome	+	9	696	43
	=	**7**	1203	**25**
	-	5	199	4



n		Proteome -	=	+
Immuno-peptidome	+	17	671	52
	=	**28**	1191	**24**
	-	7	195	7

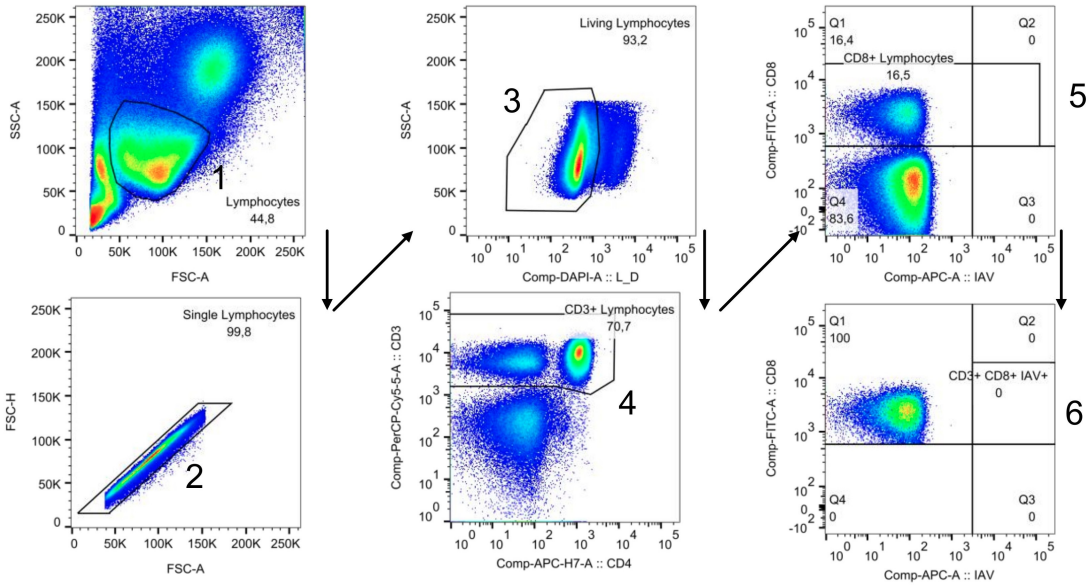
Supplementary Figure S6

a) HLA-A2^{+} subject stained with IAV-tetramer

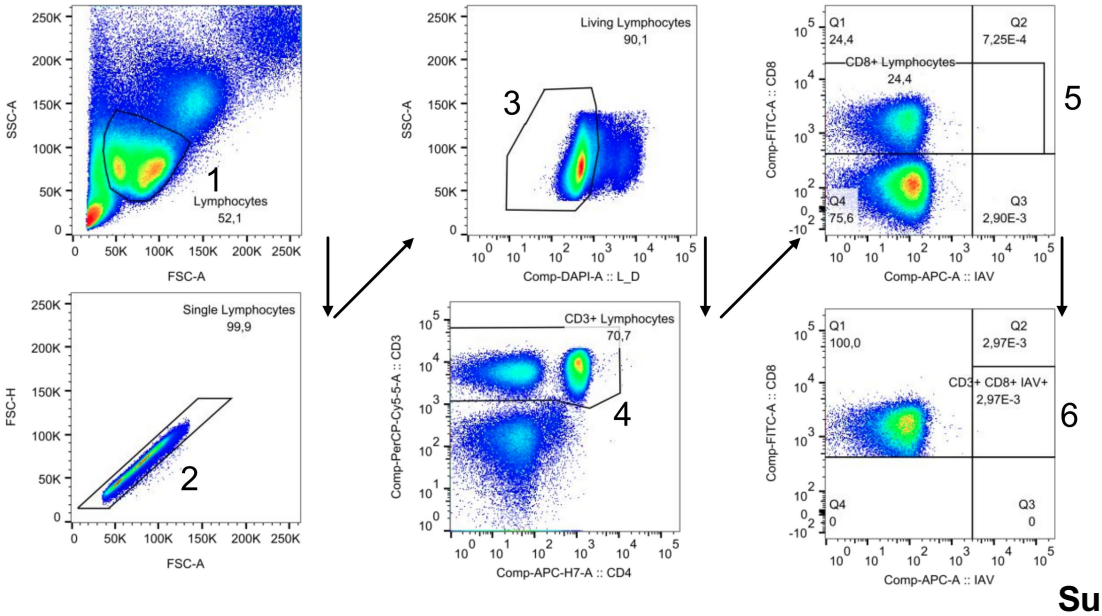


Gating strategy
1) lymphocyte gate
2) exclusion of doublets
3) exclusion of dead cells
4) CD3+ cells
5) CD8+ IAV-tetramer+ cells of all CD3 cells
6) CD8+ IAV-tetramer+ cells of all CD8+ cells

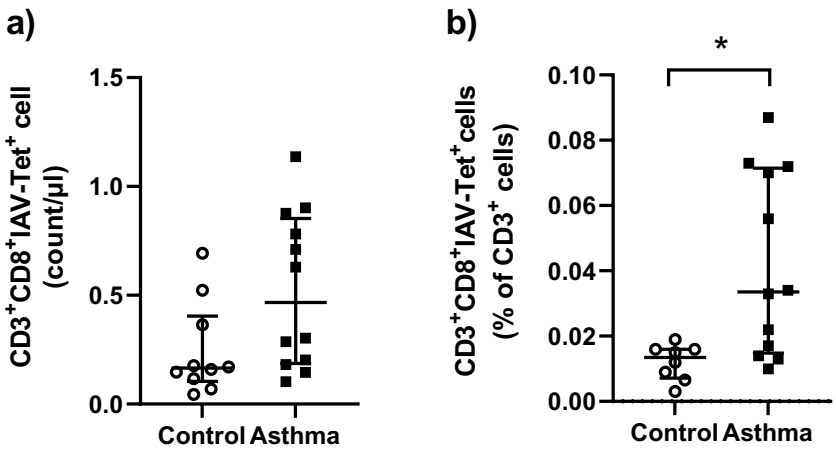
b) HLA-A2^{+} subject no tetramer staining



c) HLA-A2^{-} subject stained with IAV-tetramer



Supplementary Figure S7



Supplementary Figure S8