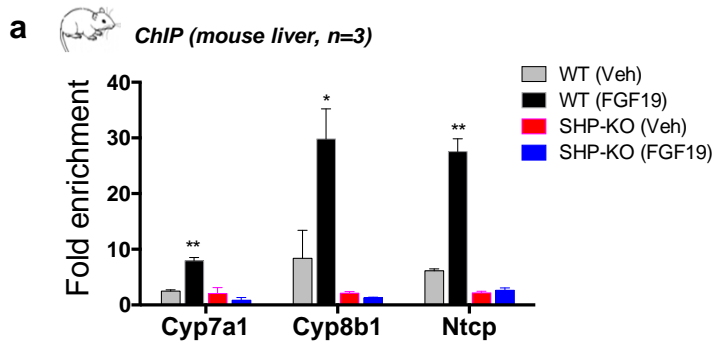


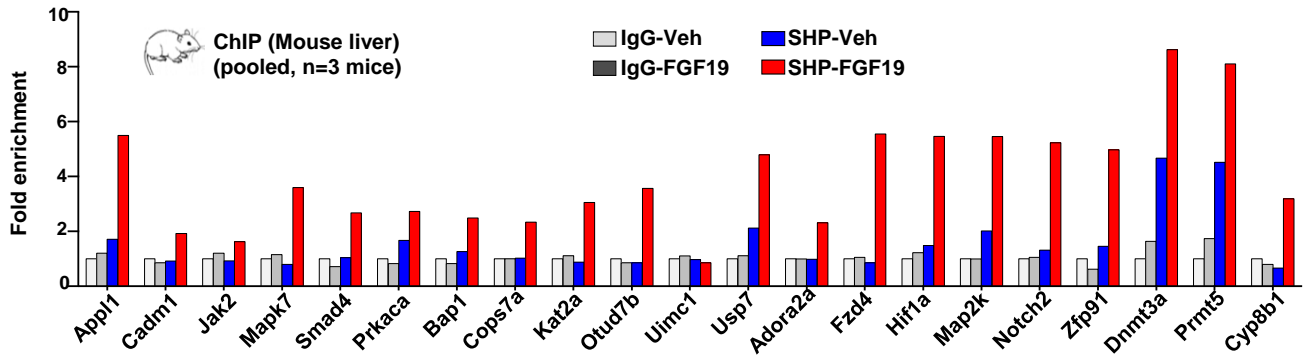
**Figure. S1**



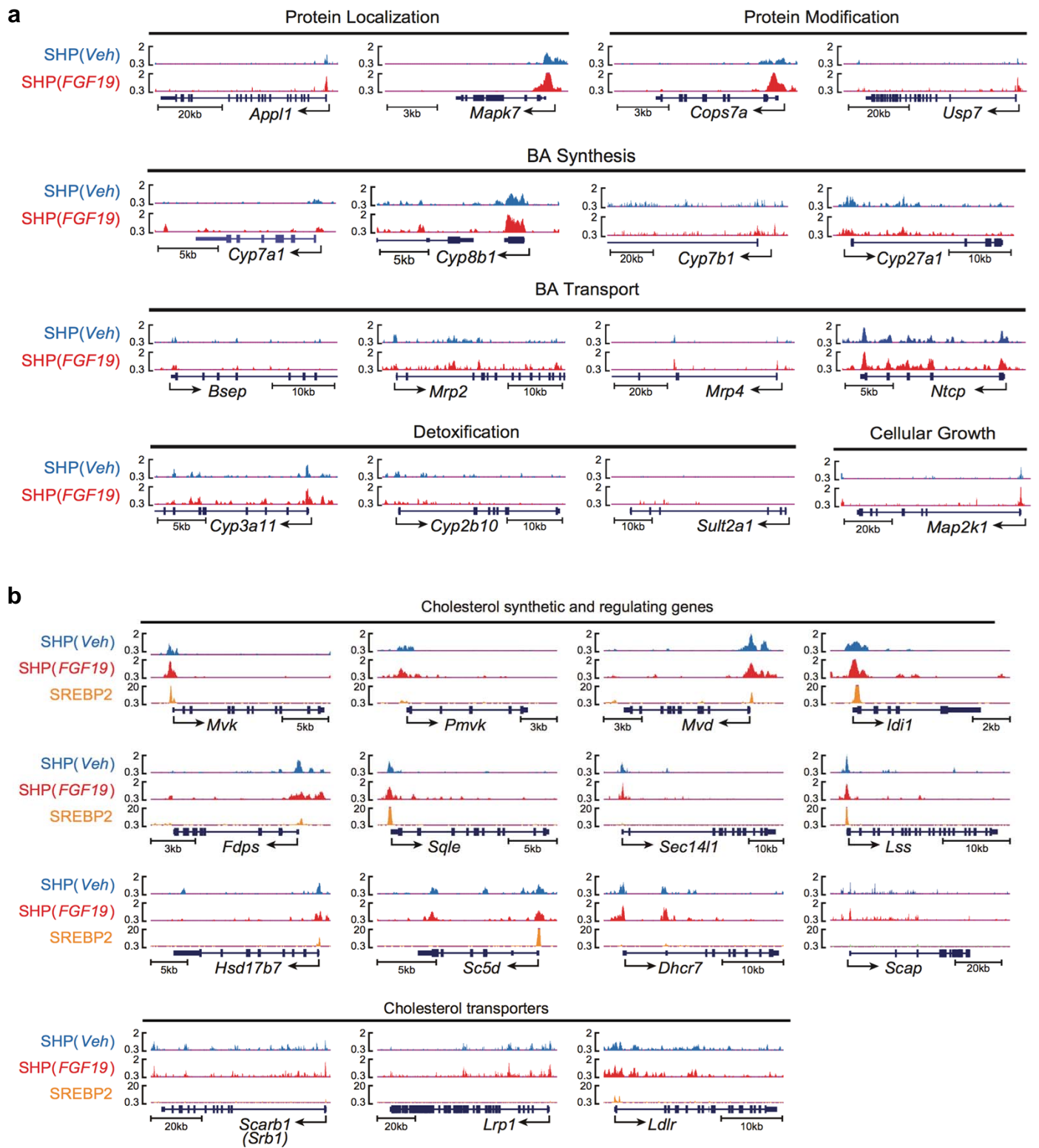
**b**

Treatment	Group	Unique Mapped Reads	Total Reads
Veh	Input	16,743,814	22,029,930
FGF19	Input	17,849,172	23,247,293
Veh	Shp	17,968,561	32,763,382
FGF19	Shp	16,301,598	25,068,418

**Figure. S2**



**Figure. S3**



**Figure. S4**

GO analysis of SREBP2 and SHP (Veh / FGF19) shared binding

Gene Ontology Term	Gene count (Total)	P-value
cellular metabolic process	380 (6562)	5.15E-143
cellular macromolecule metabolic process	299 (4787)	4.40E-113
nitrogen compound metabolic process	222 (3803)	2.41E-78
regulation of cellular metabolic process	224 (3874)	2.63E-68
cellular biosynthetic process	186 (3016)	1.40E-65
RNA metabolic process	156 (2328)	4.83E-60
transcription, DNA-dependent	124 (1738)	4.74E-48
macromolecule modification	116 (1794)	4.83E-38
response to stimulus	220 (6440)	3.01E-34
developmental process	157 (3511)	1.27E-28
organelle organization	89 (1522)	1.35E-28
localization	141 (3226)	2.03E-26
multicellular organismal development	145 (3197)	3.23E-26
negative regulation of biological process	116 (2315)	8.17E-26
transport	119 (2638)	6.79E-24
cell cycle	55 (815)	8.65E-21

**Figure. S5**

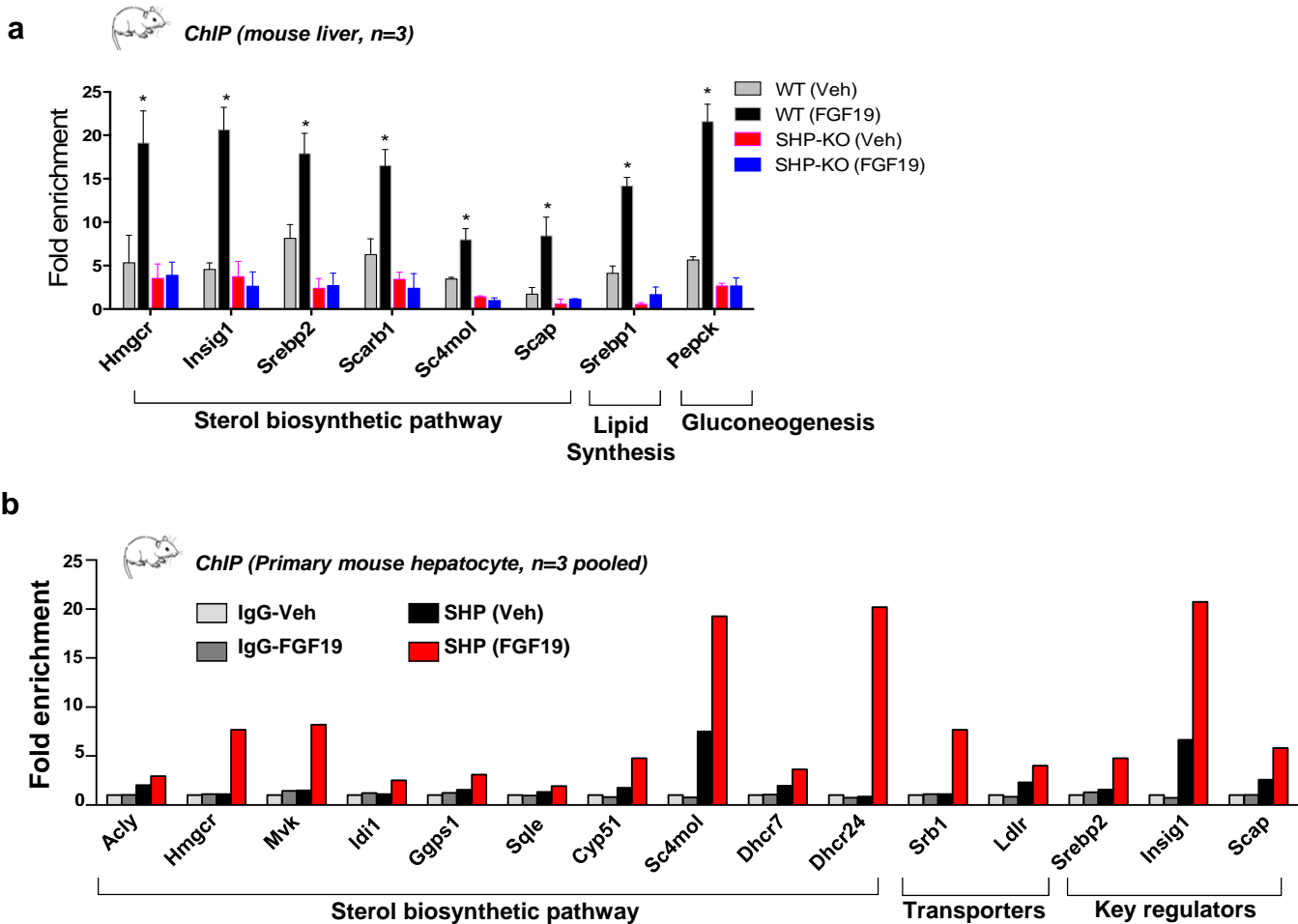


Figure. S6

