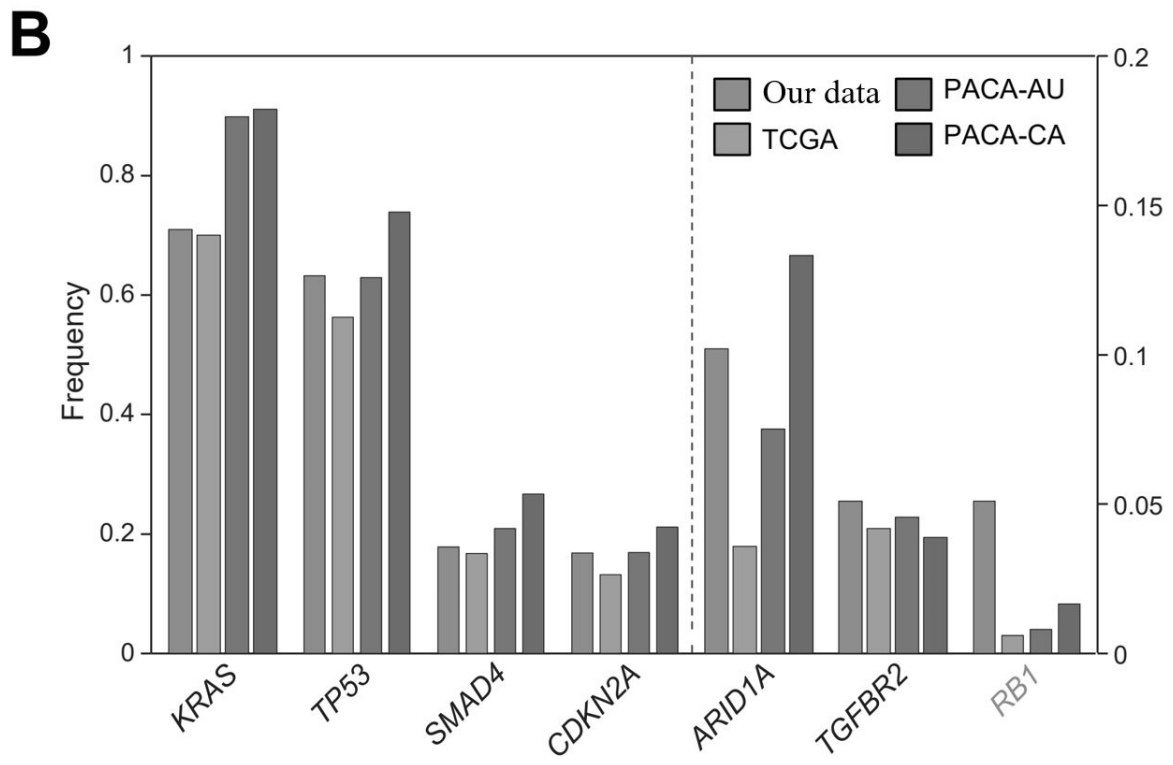
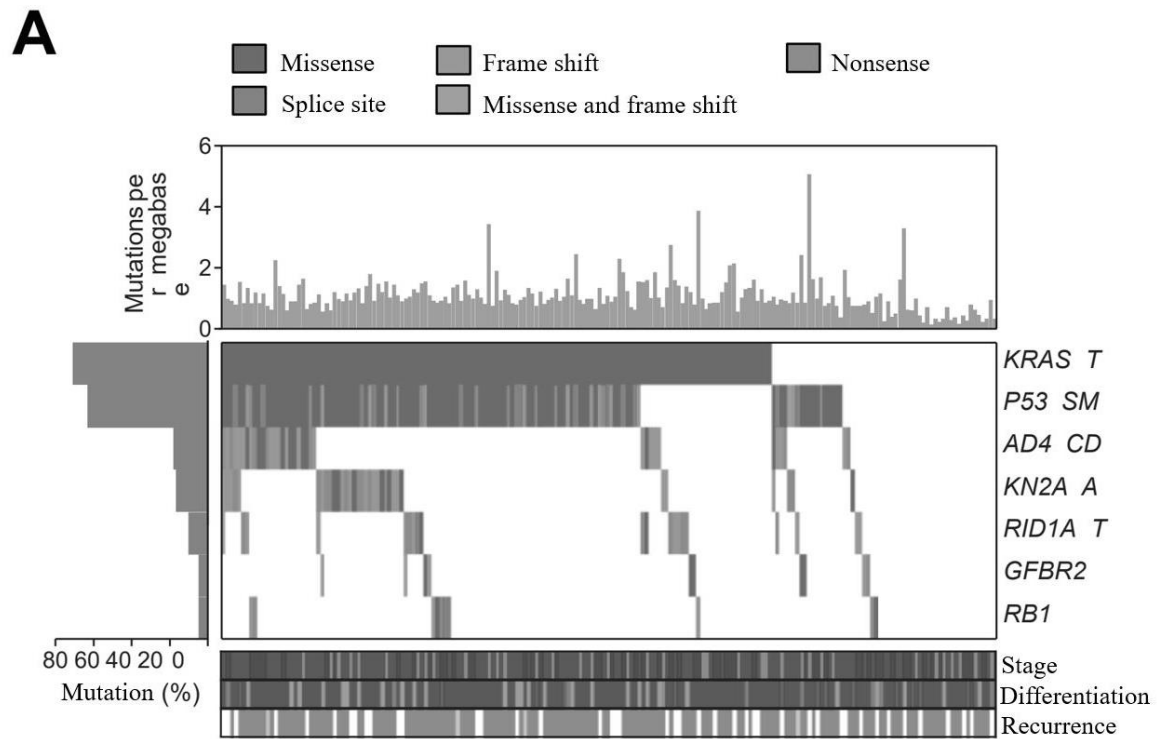
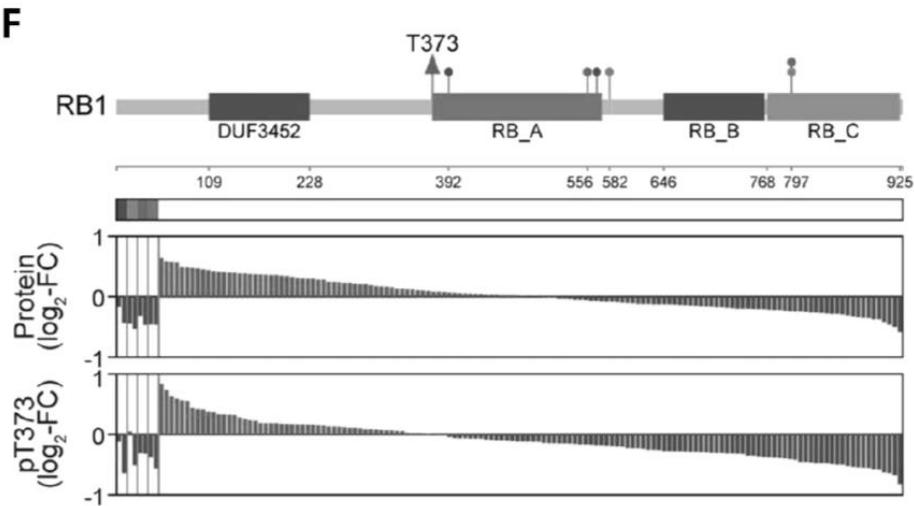
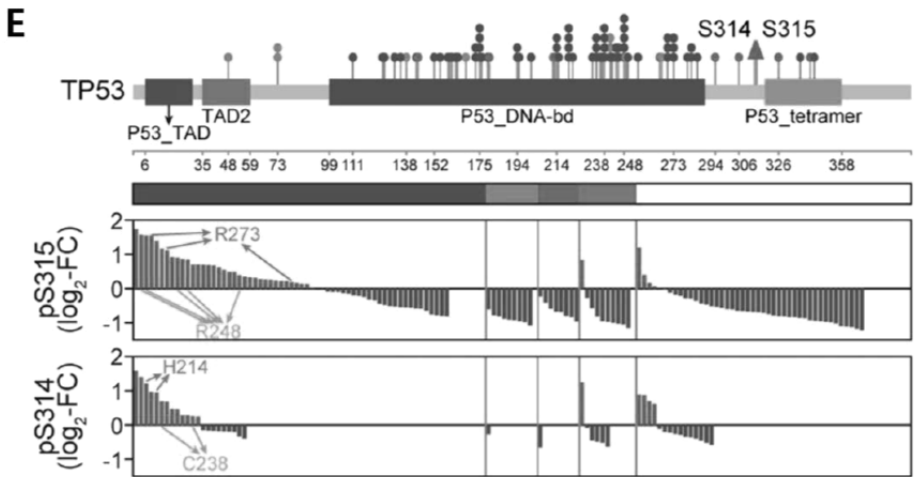
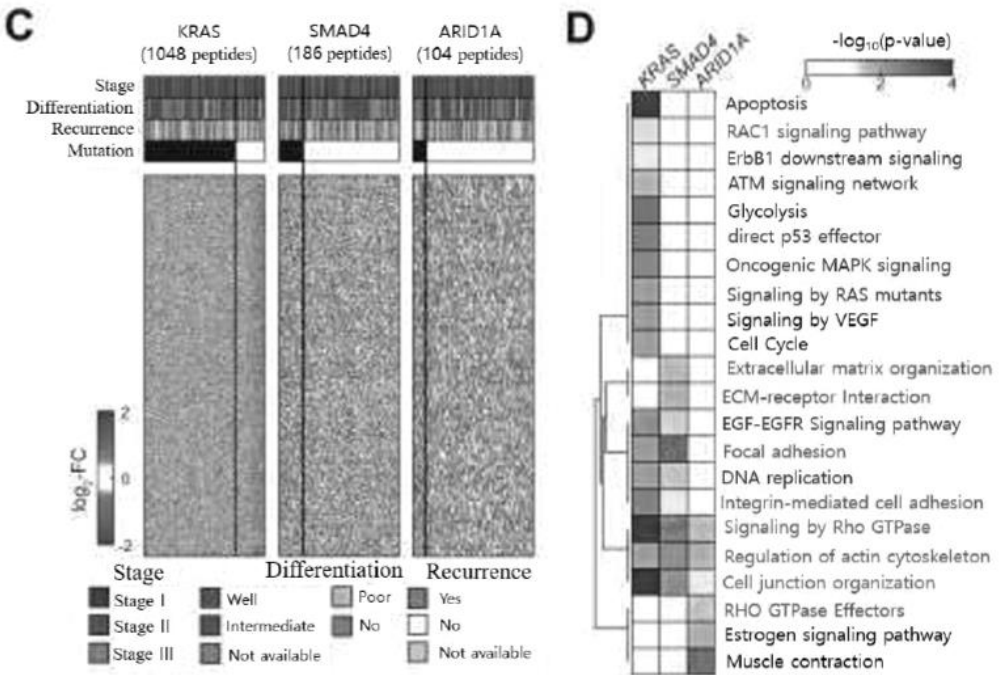
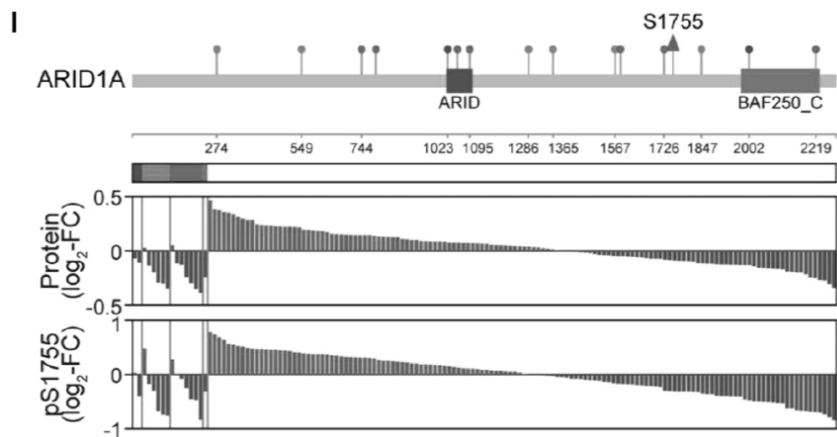
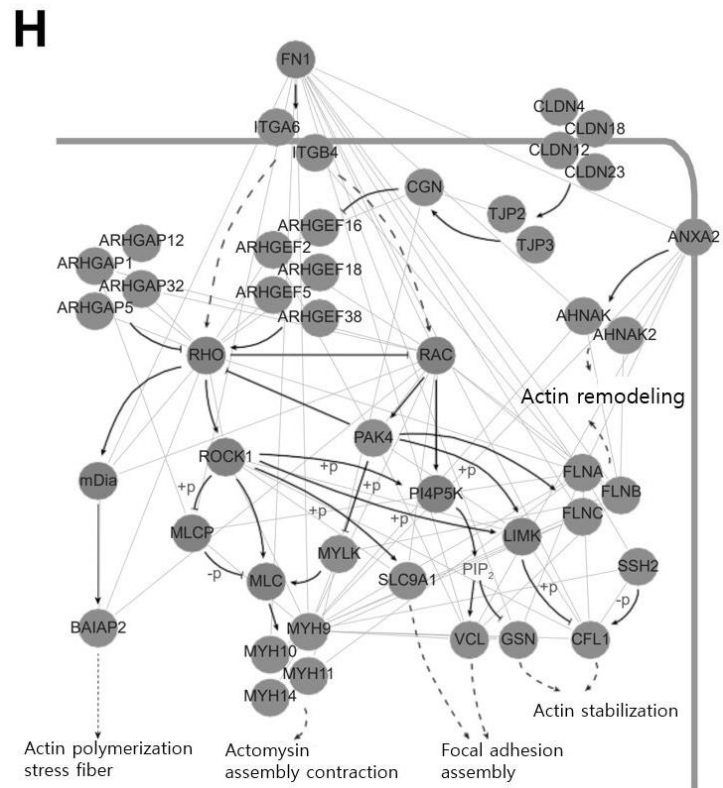
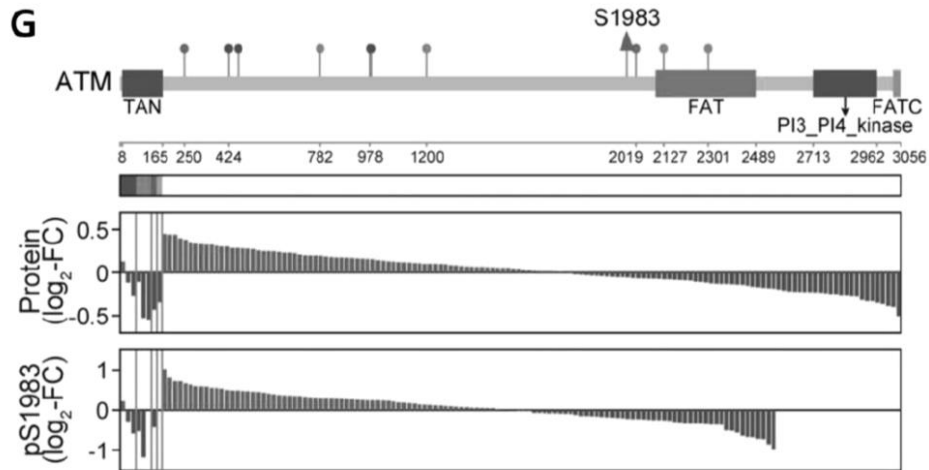


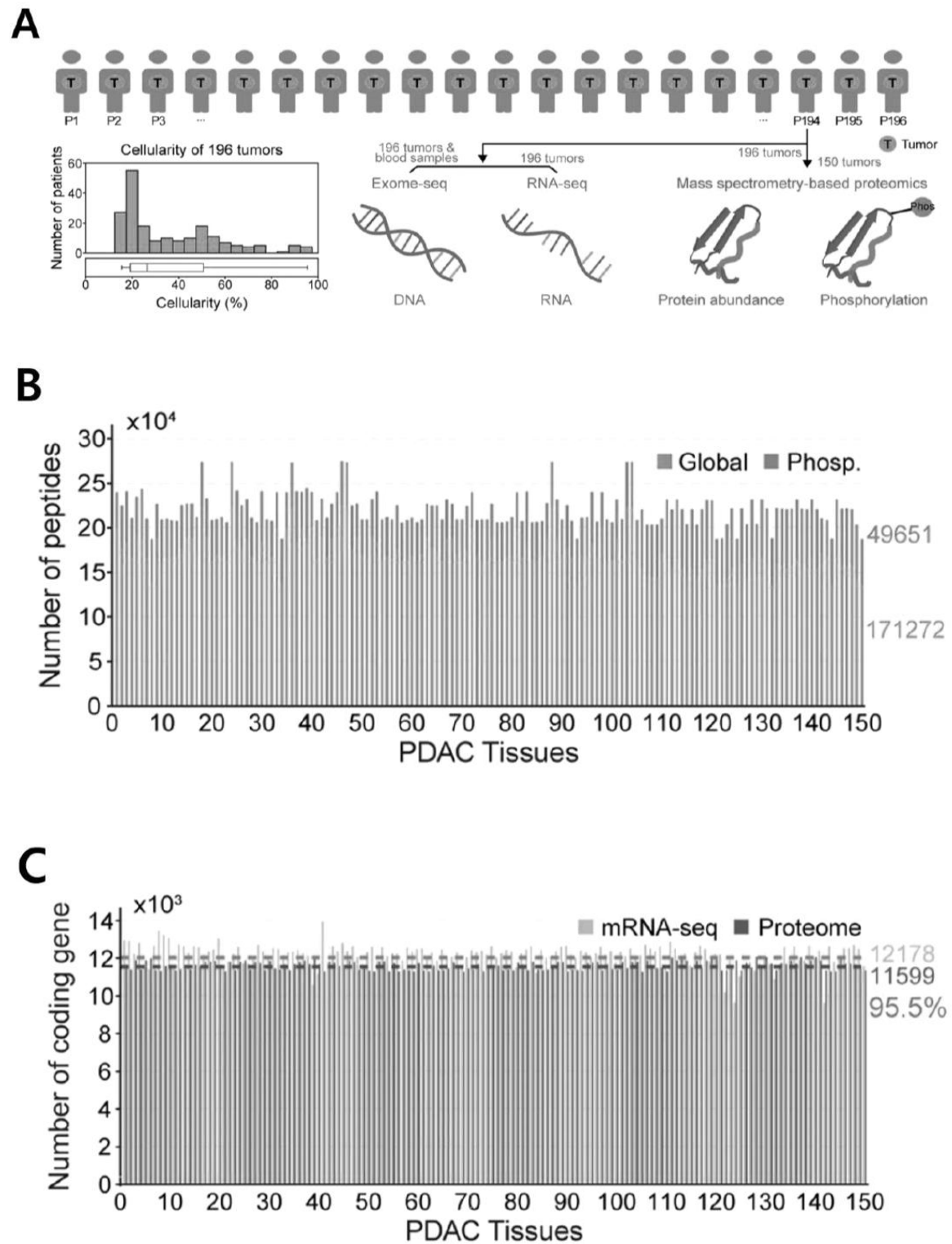
[FIG. 1]





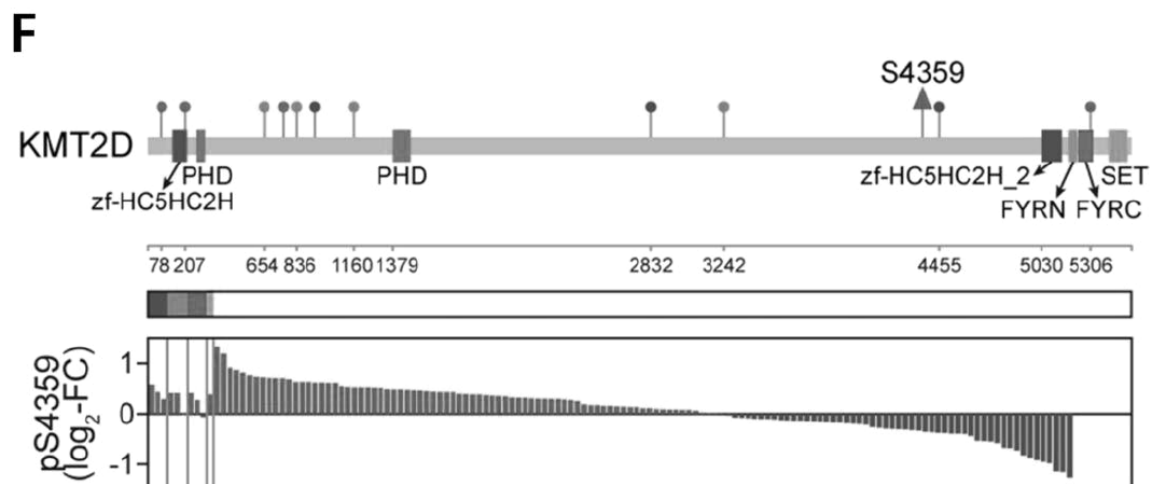
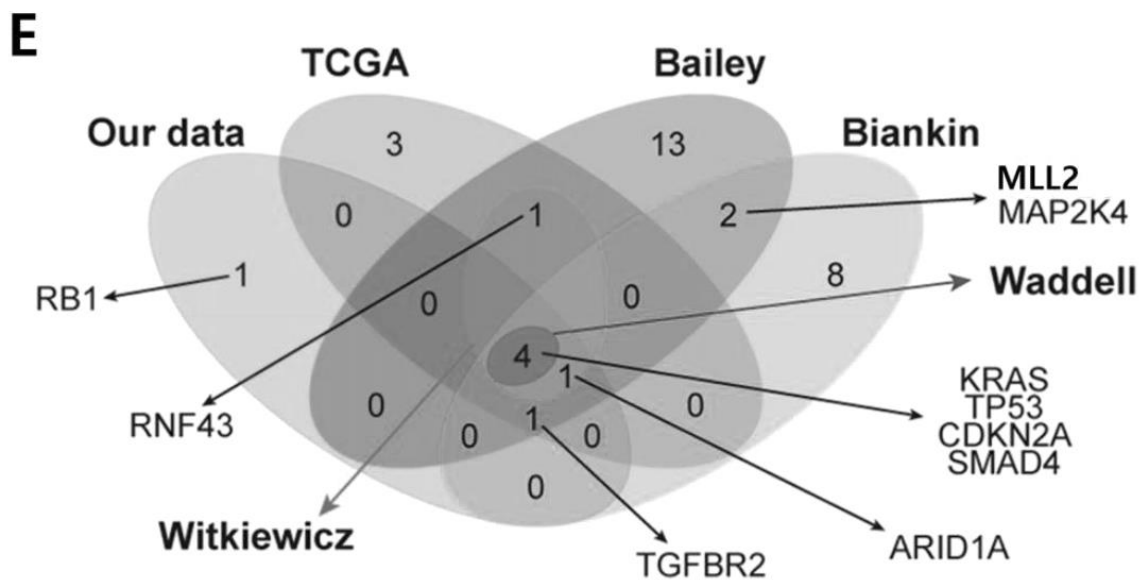


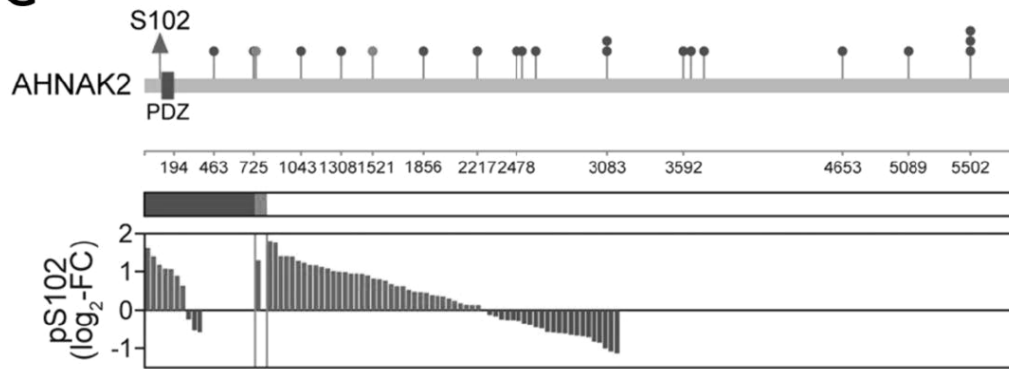
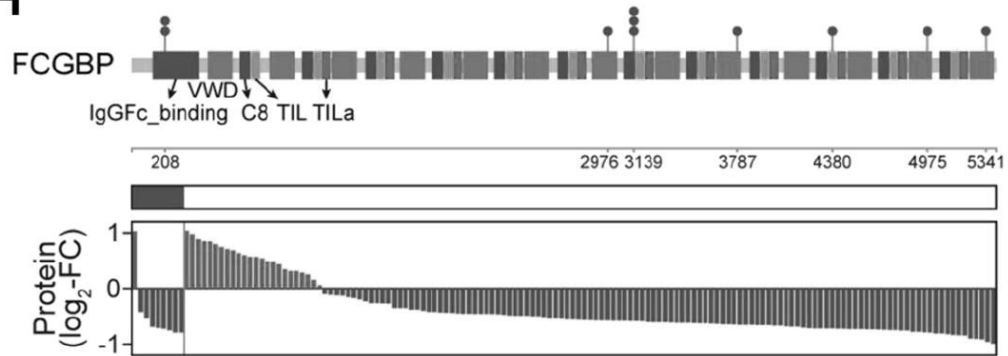
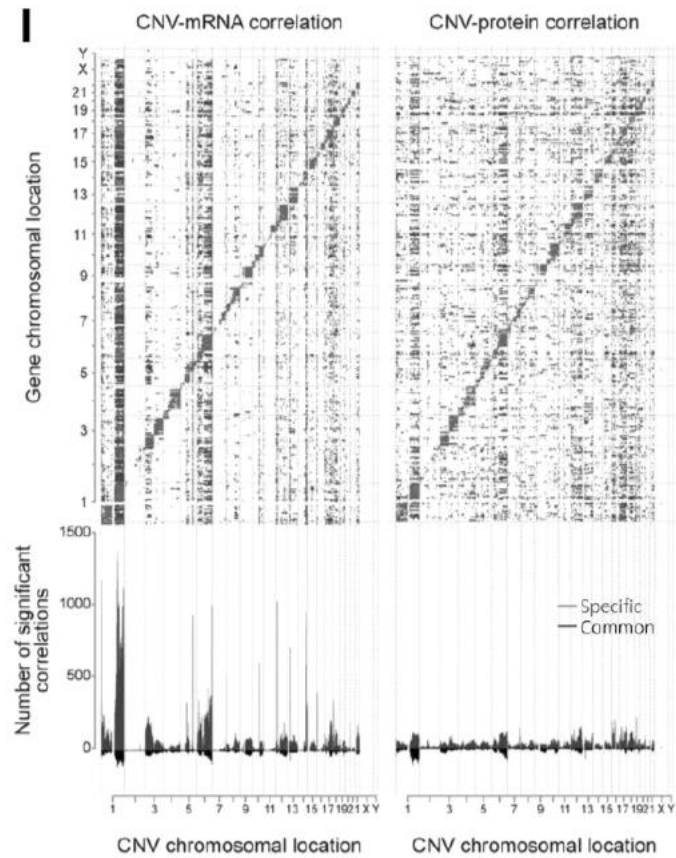
[FIG. 2]



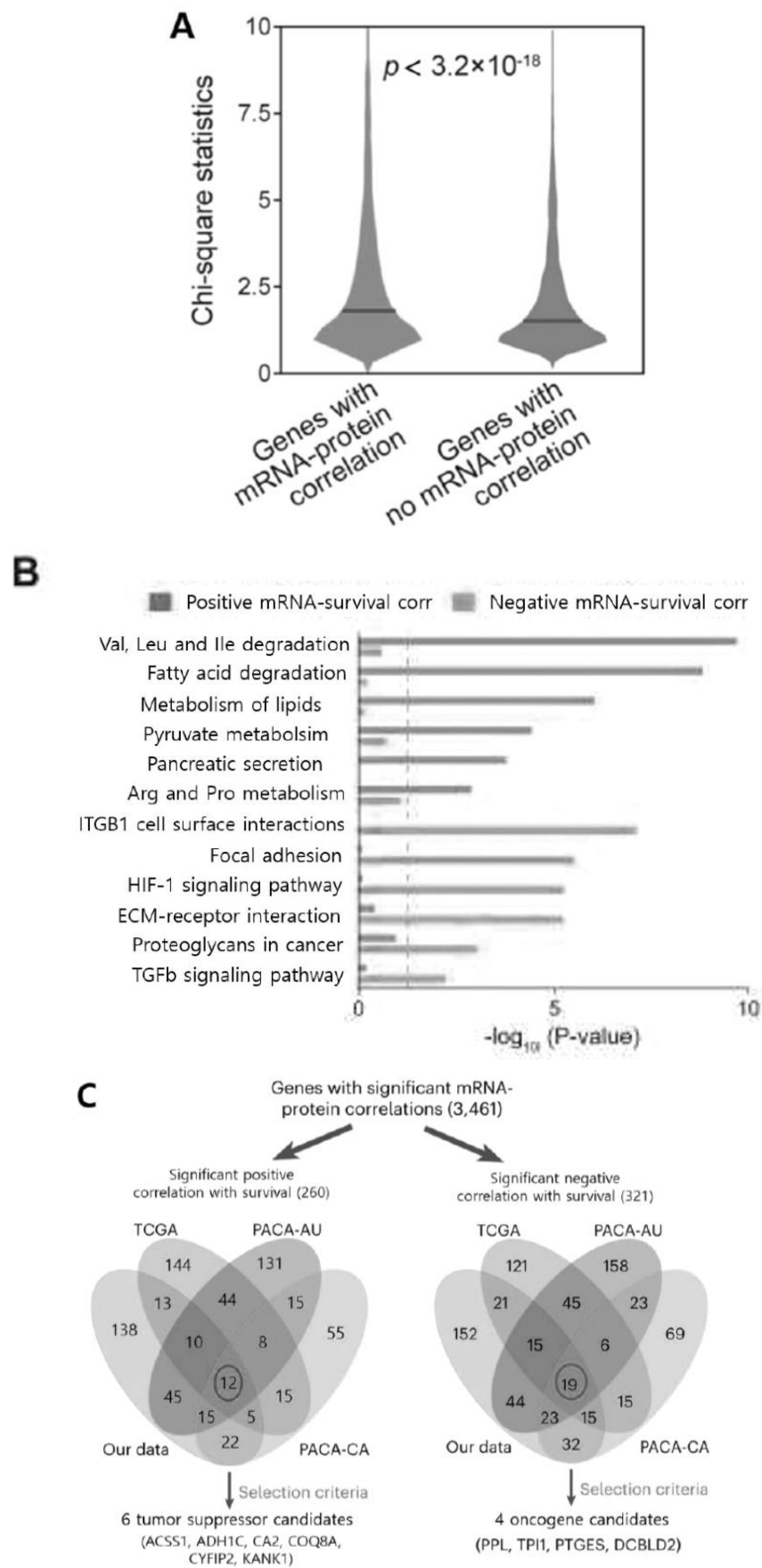
D Identified protein-altering mutations

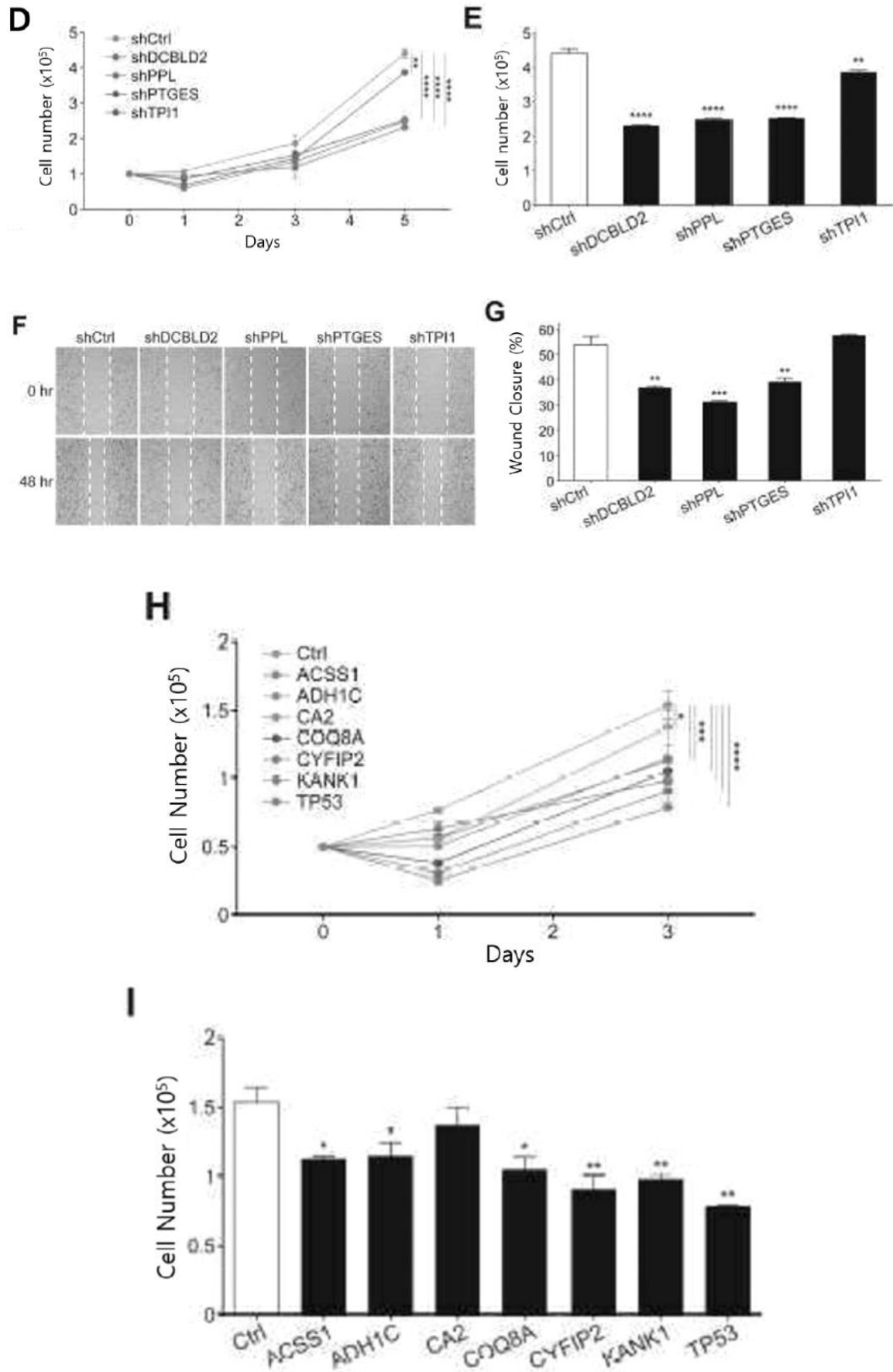
Mutation type	# mutations	# mutated genes
Frameshift insertion/deletion	817	645
Missense mutation	10396	6166
Nonsense mutation	632	561
Nonstop mutation	8	7
Splice site mutation	263	220
Total	12116	6872



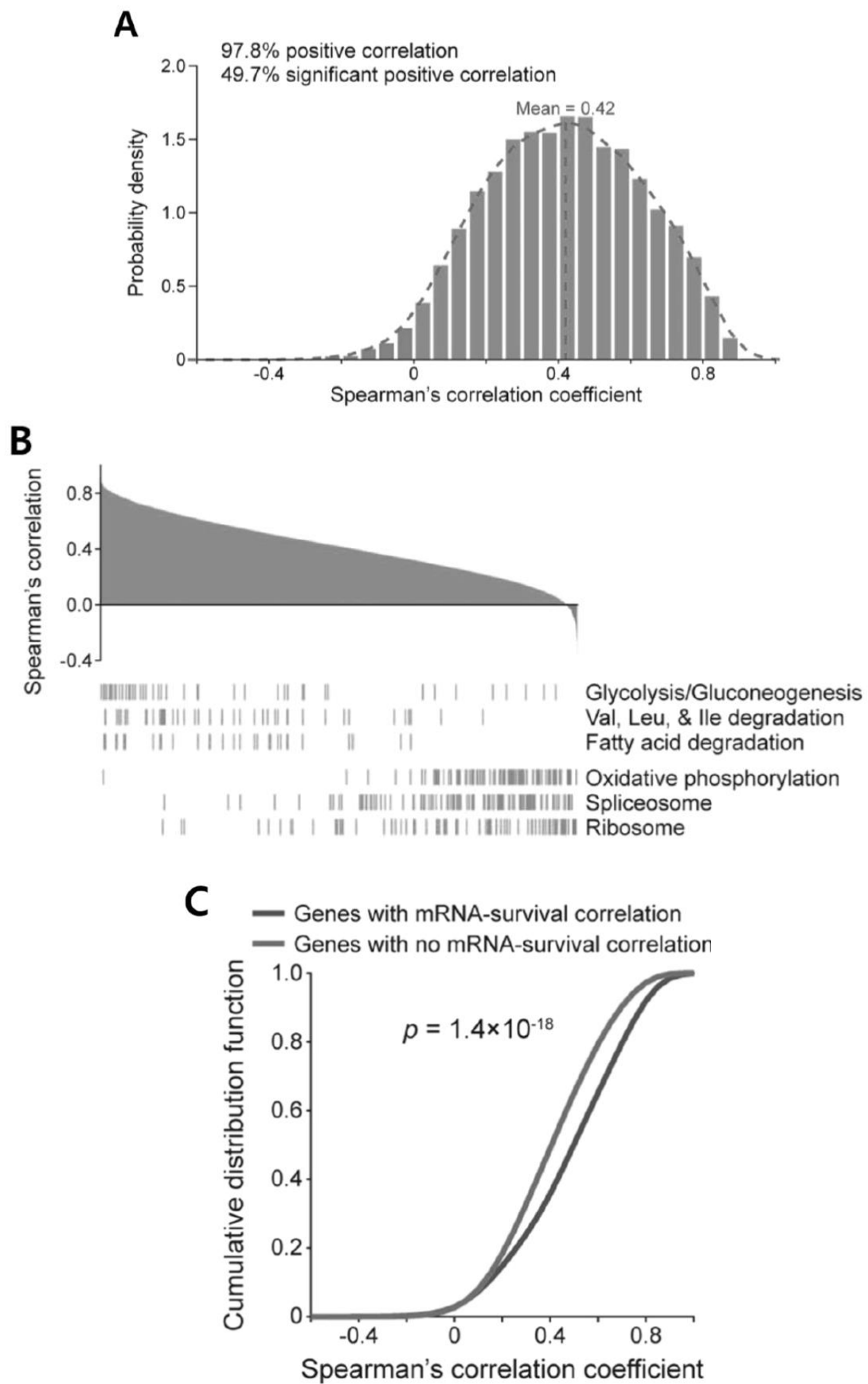
G**H****I**

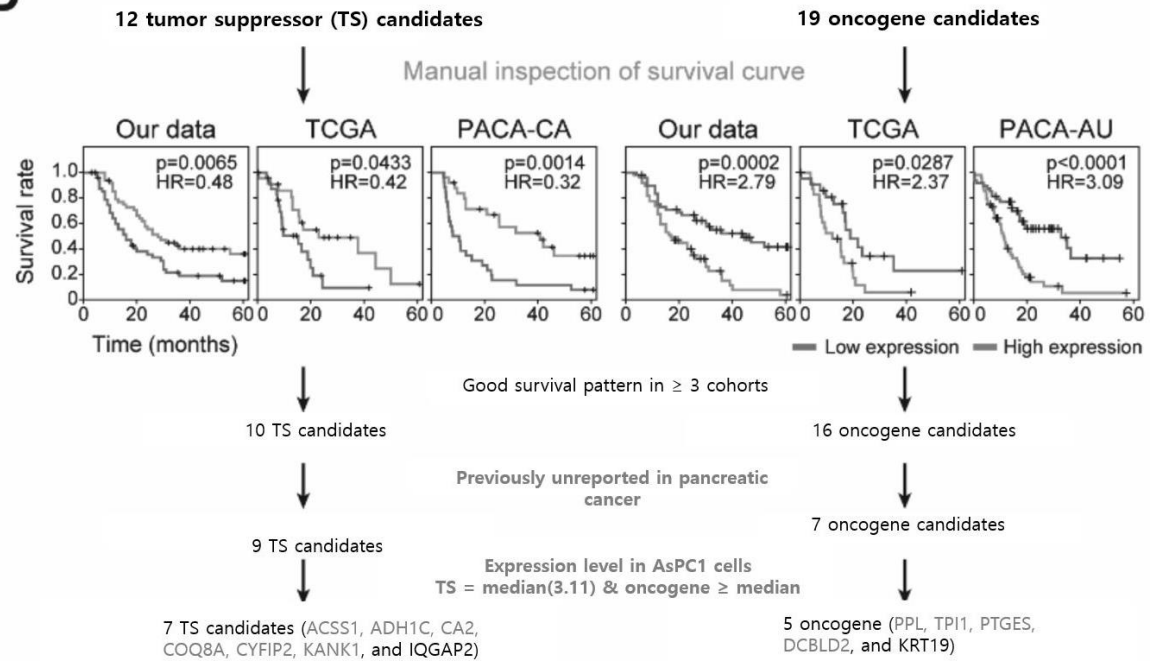
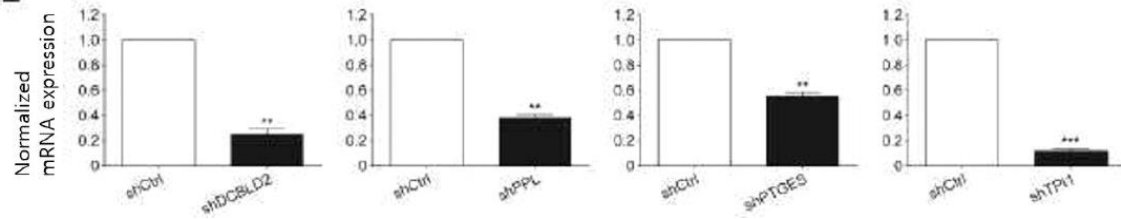
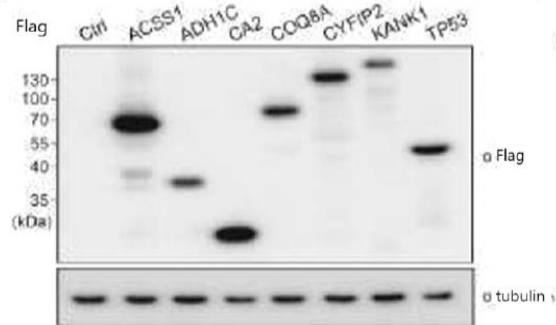
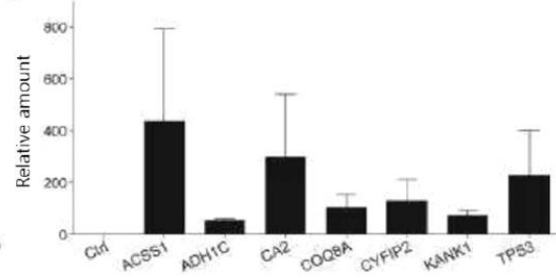
[FIG. 3]



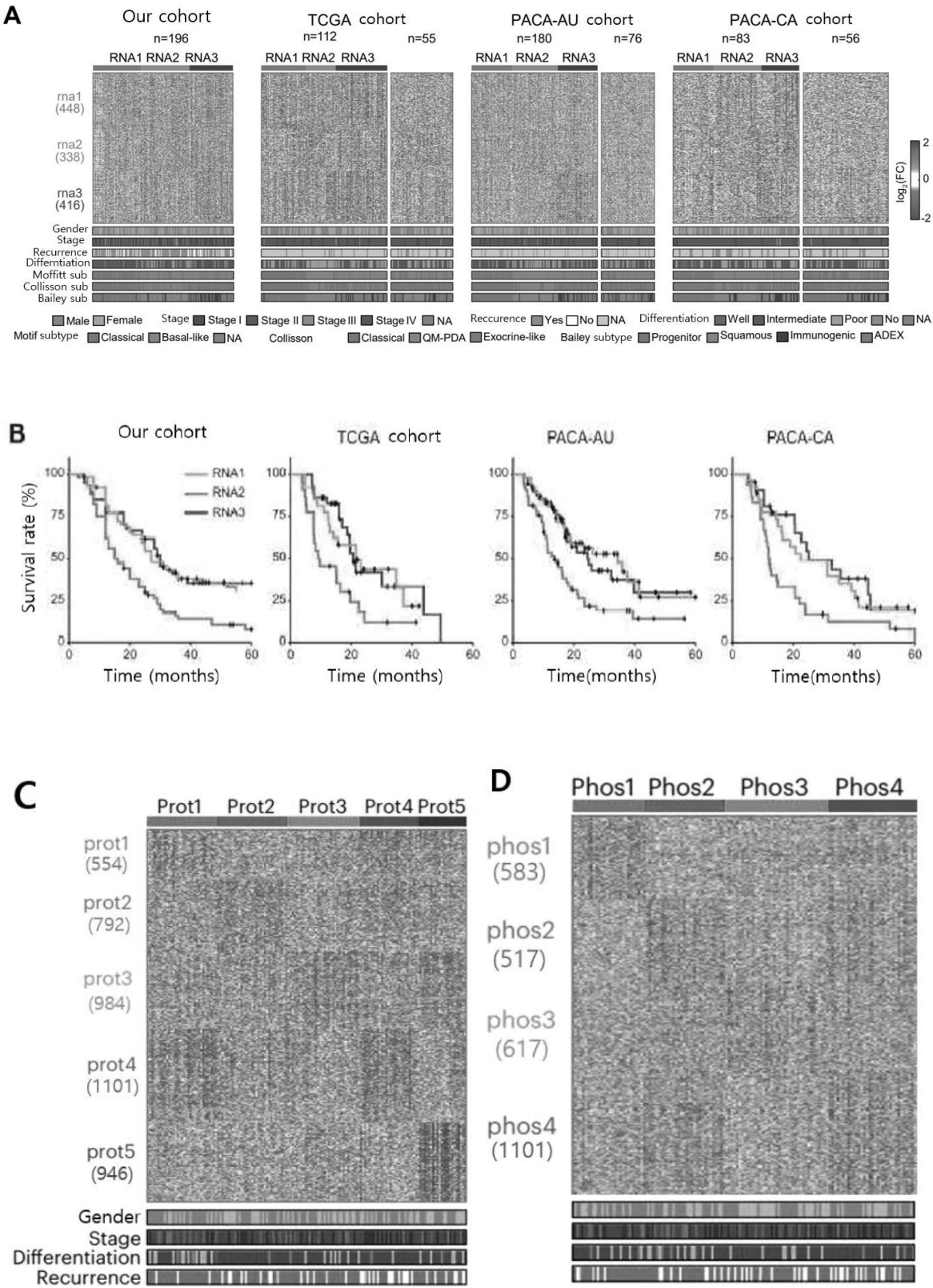


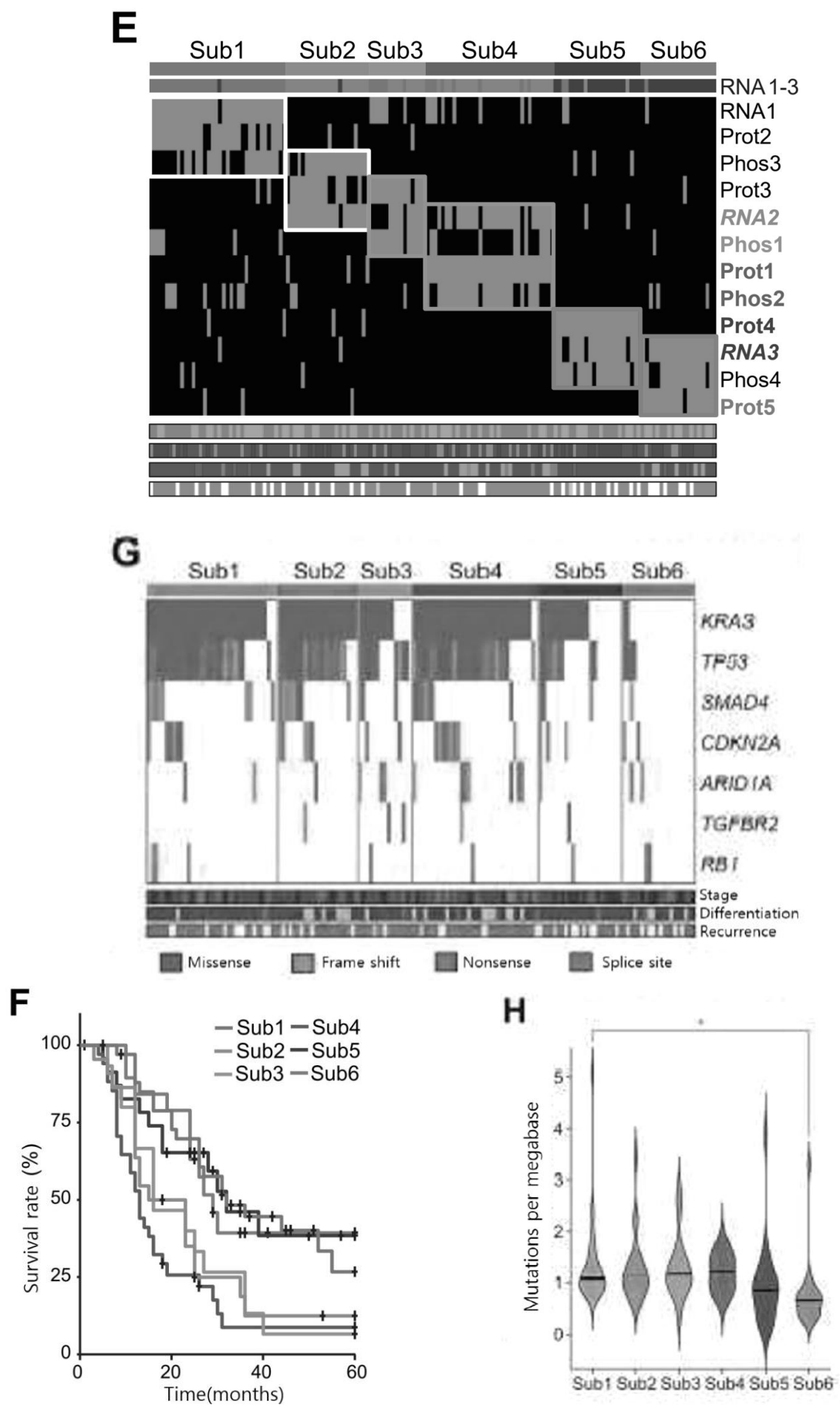
[FIG. 4]



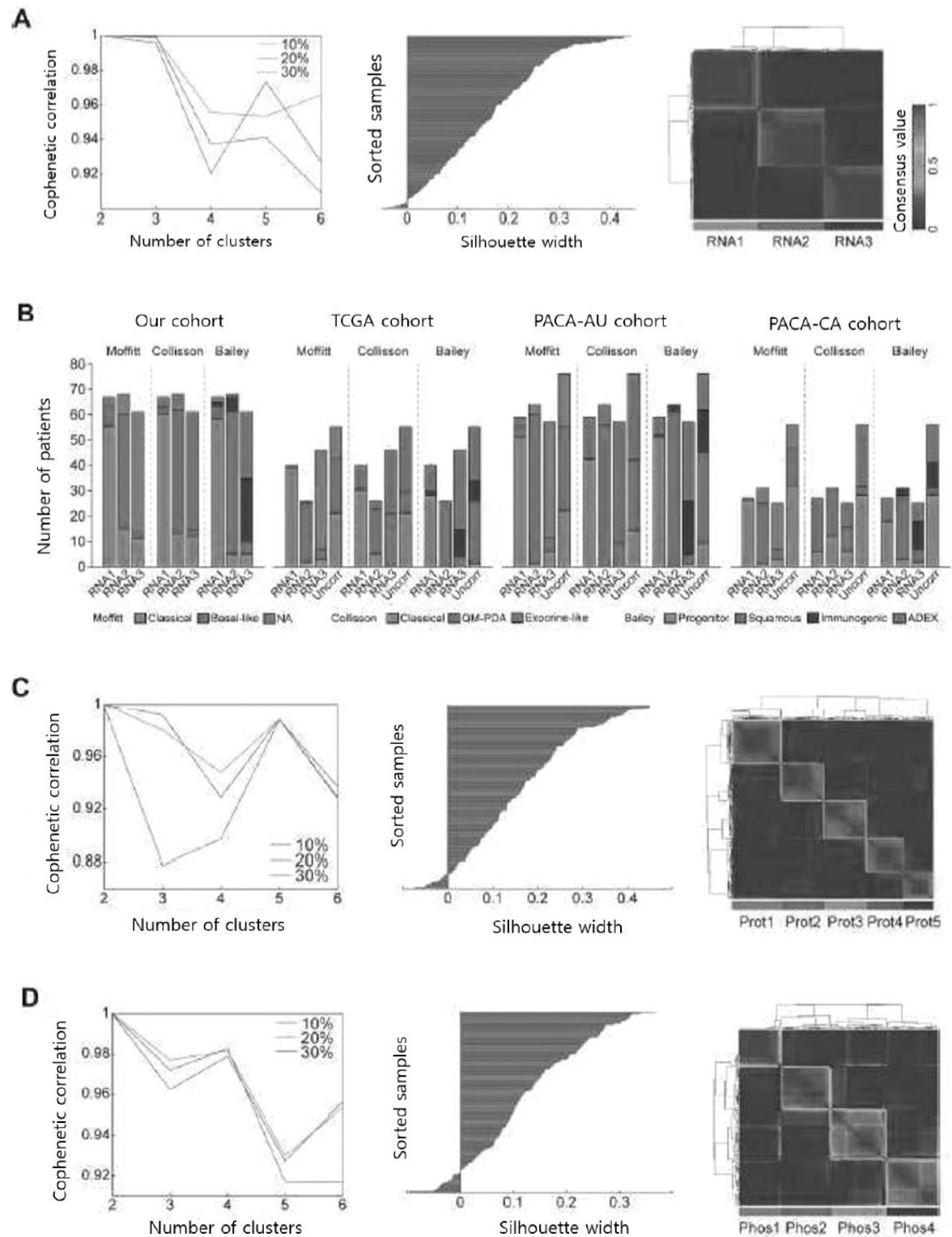
D**E****F****G**

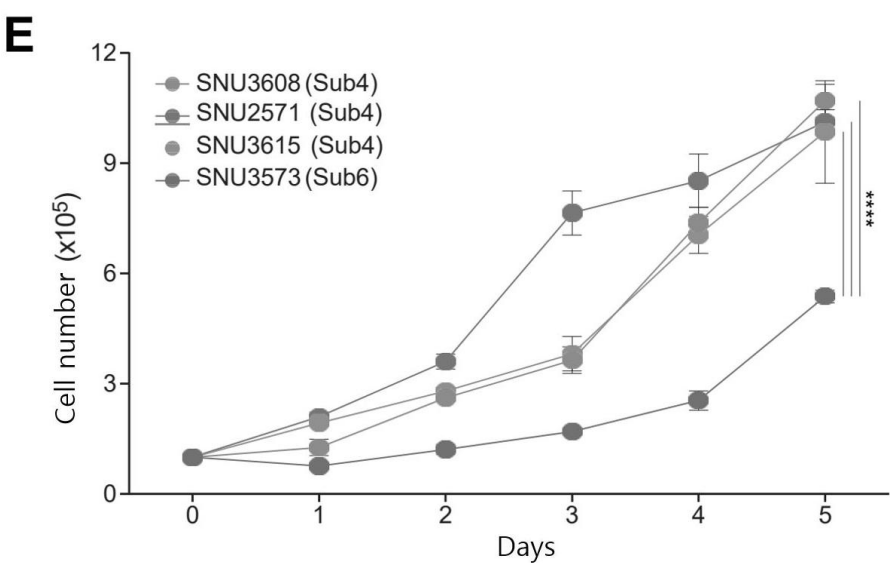
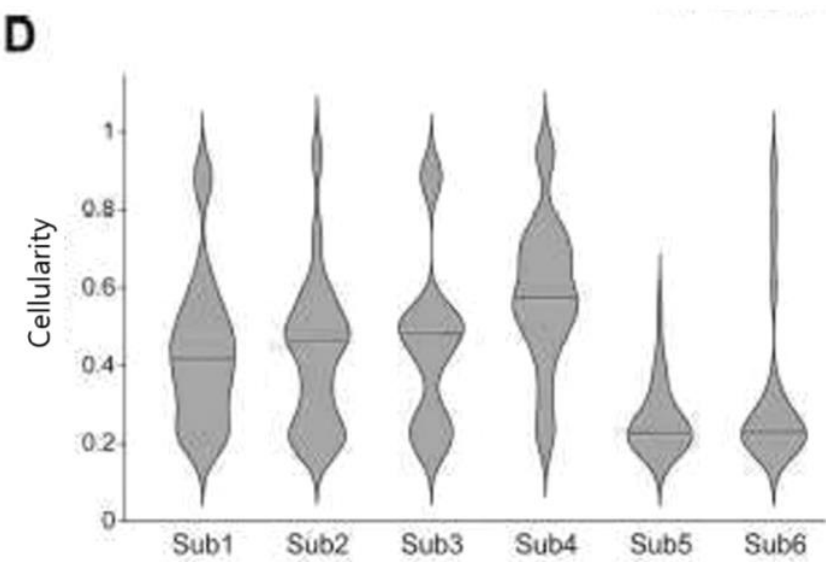
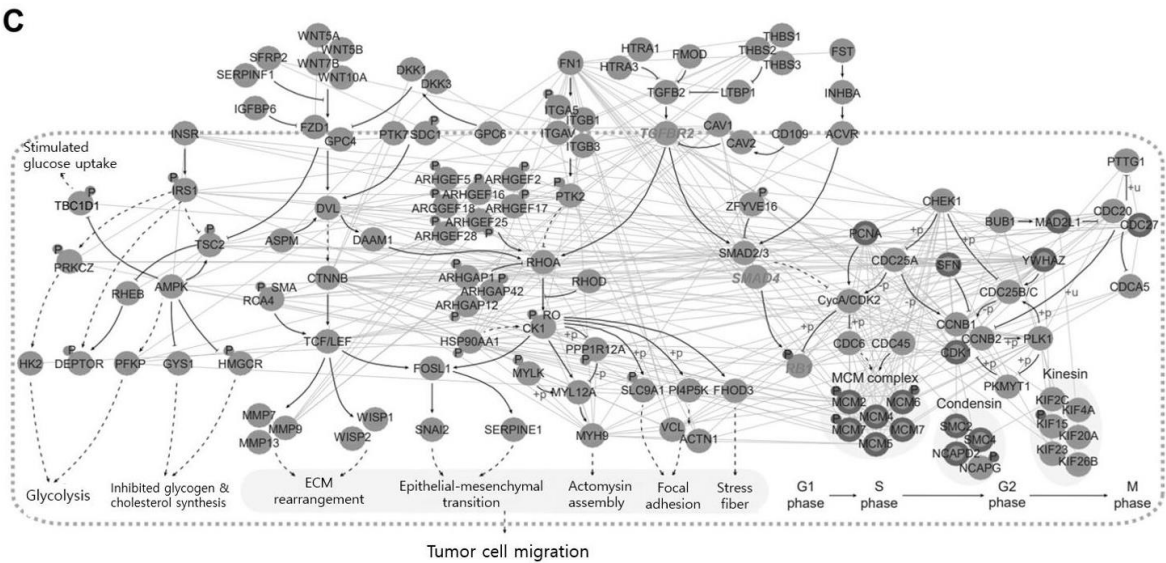
[FIG. 5]



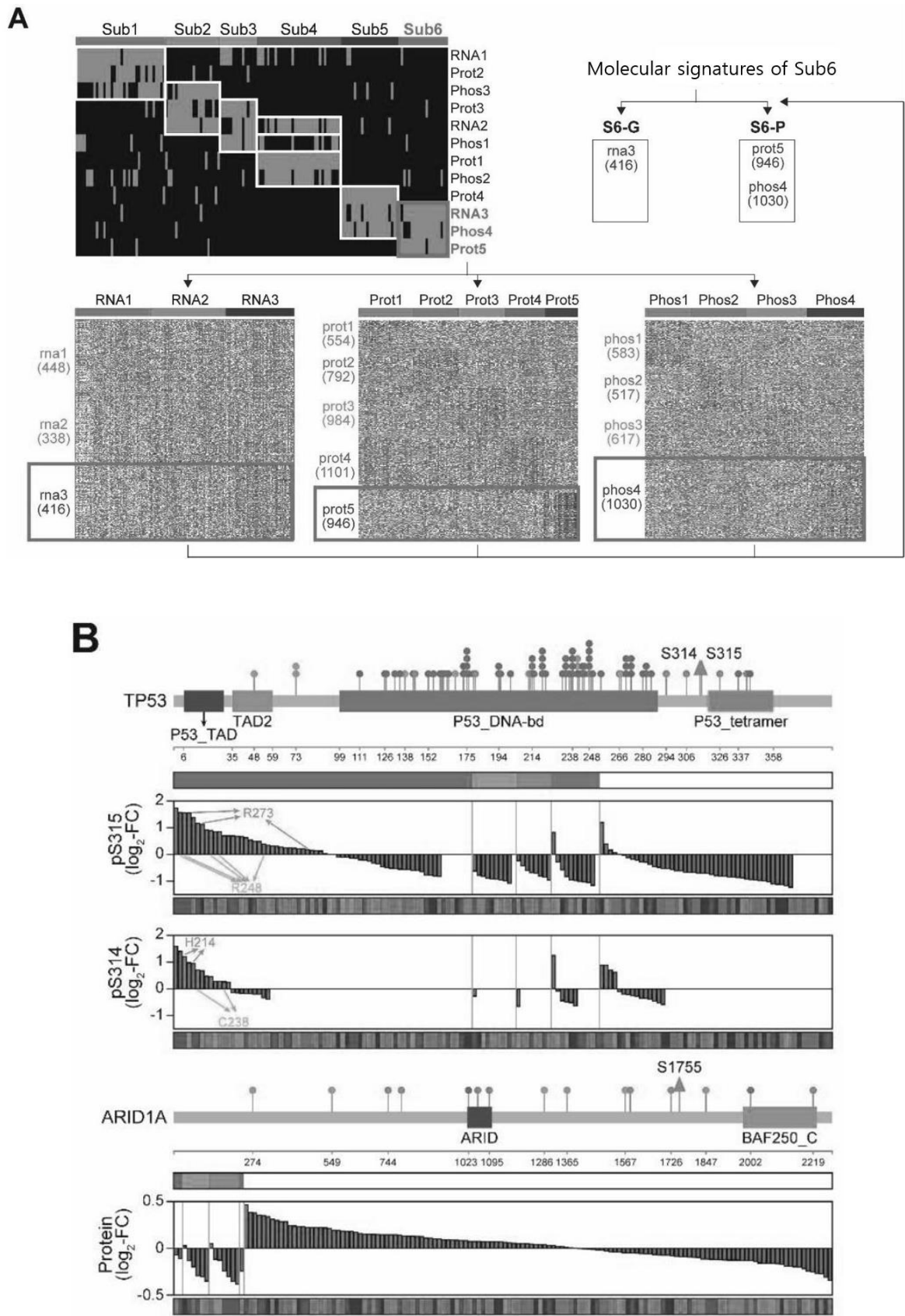


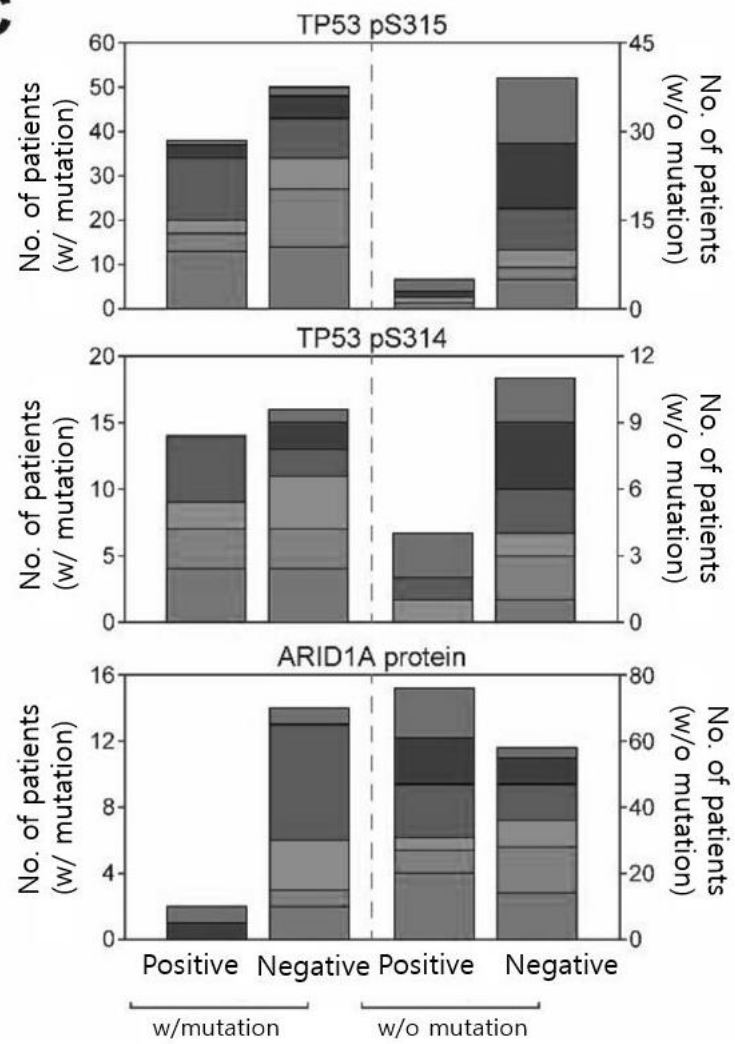
[FIG. 6]



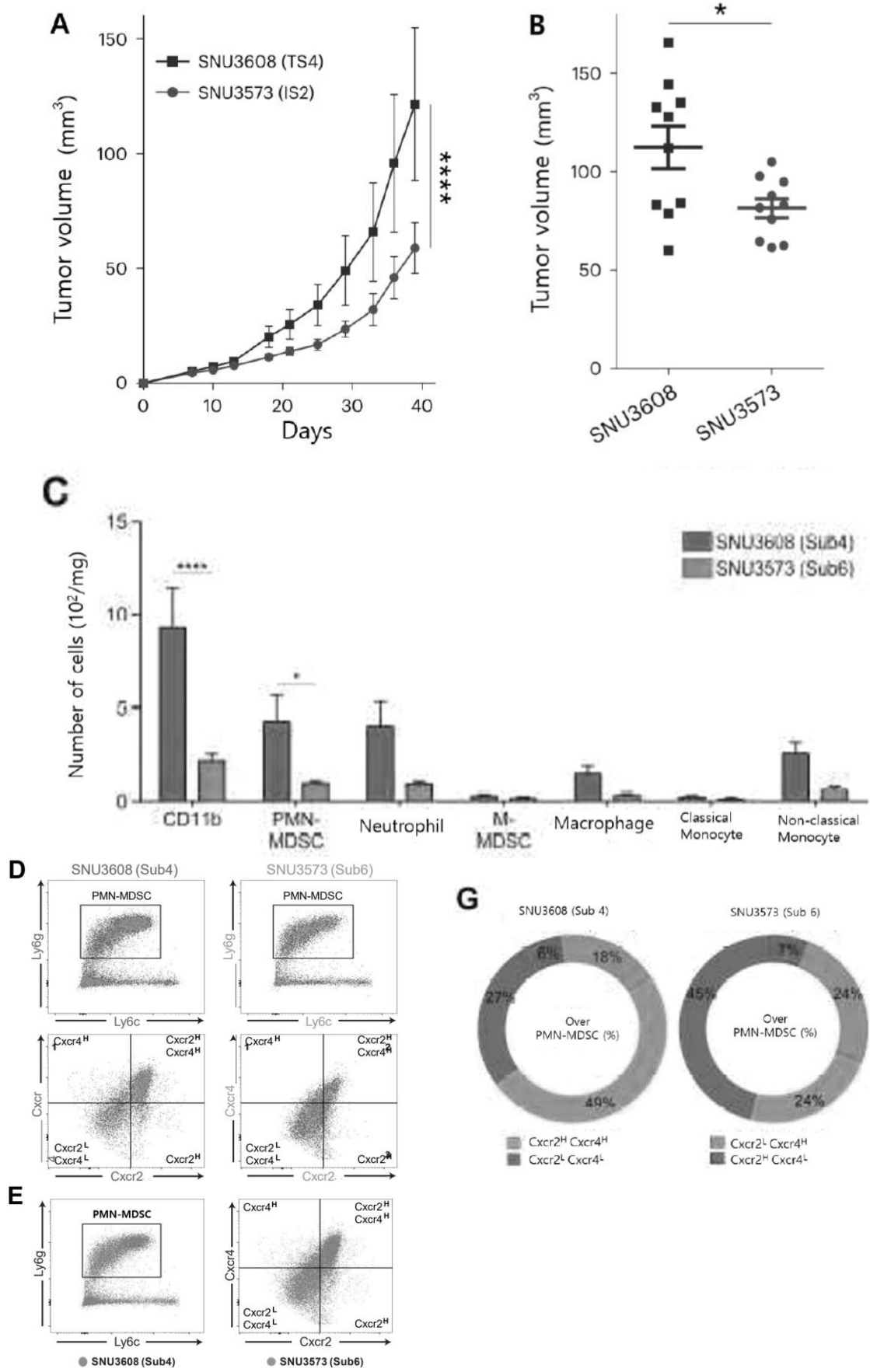


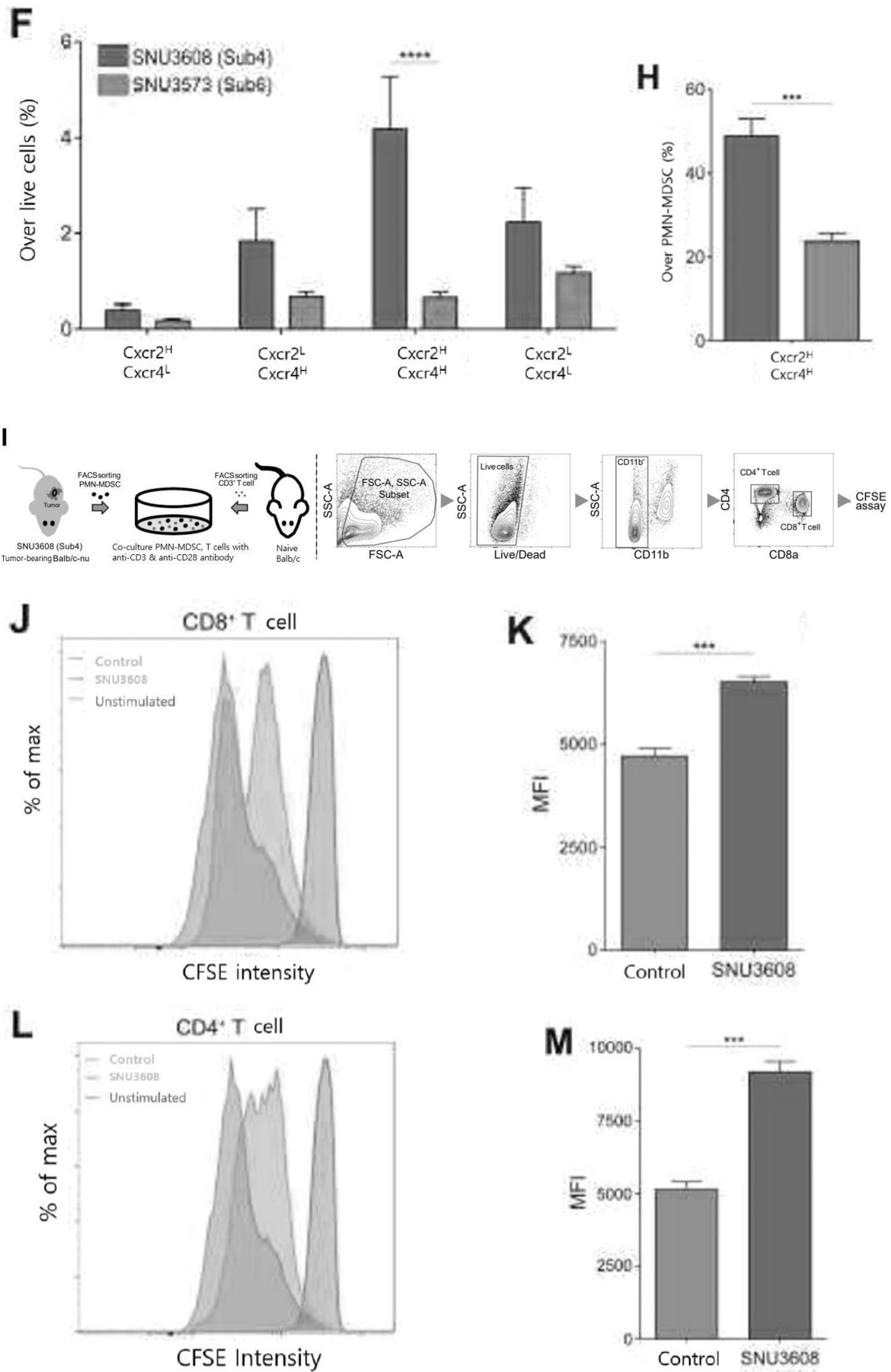
[FIG. 8]



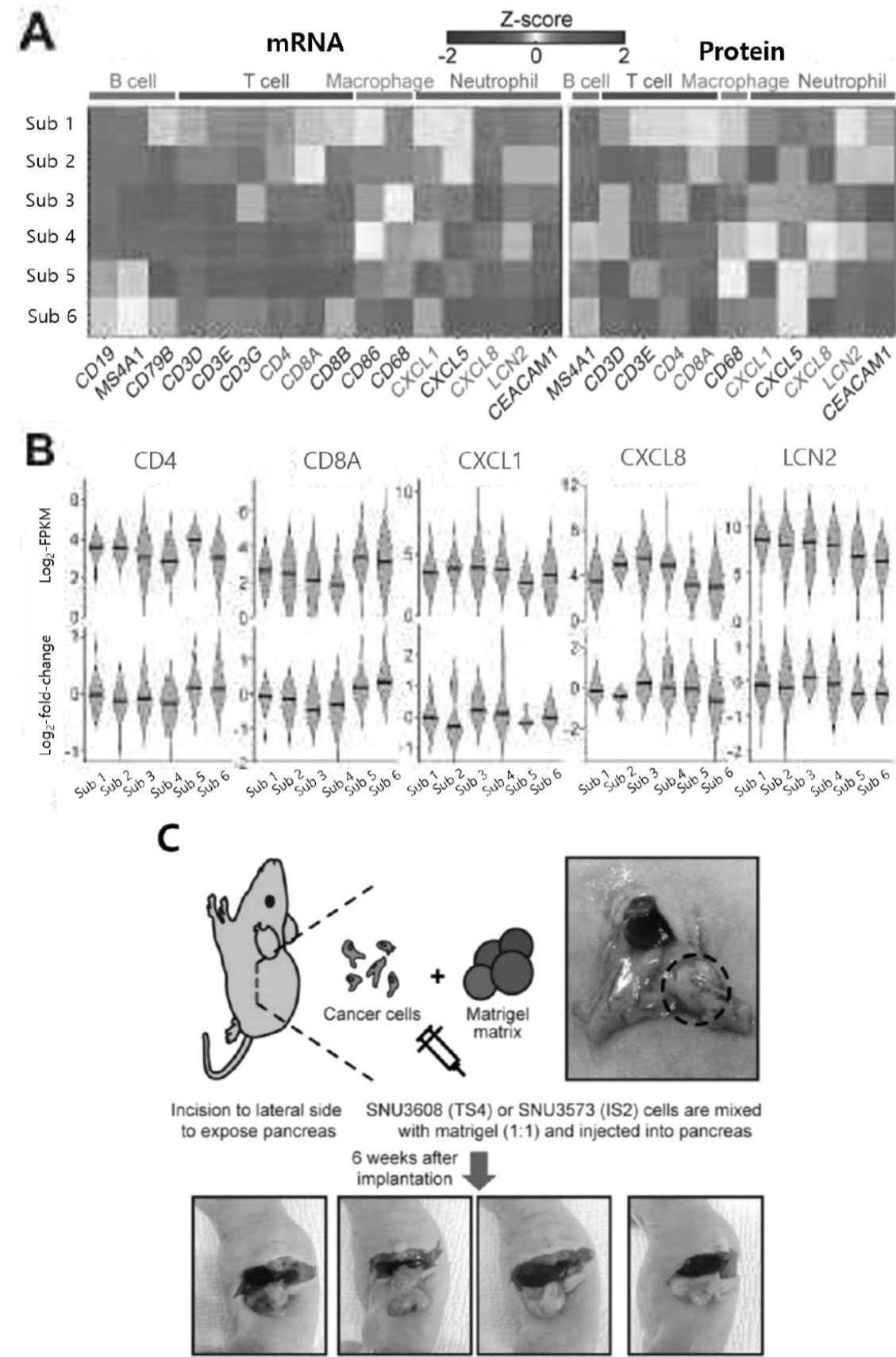
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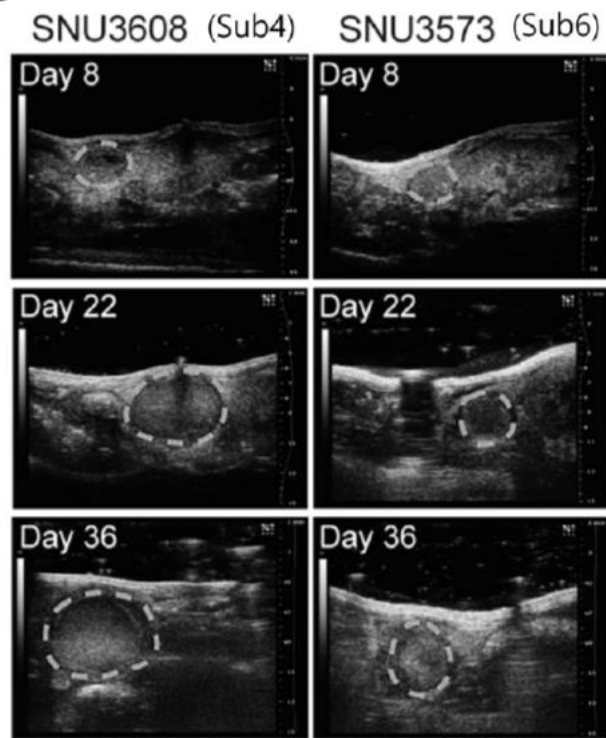
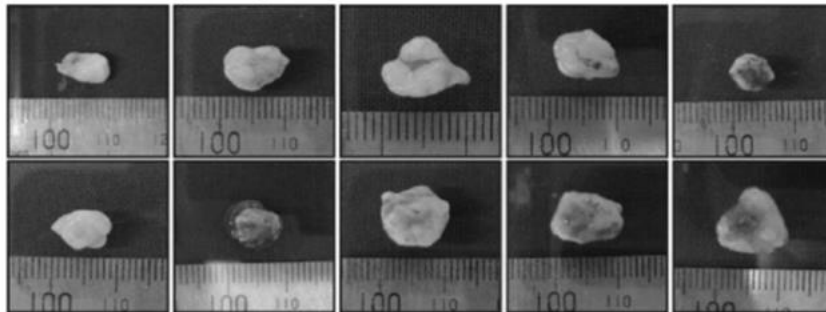
[FIG. 9]



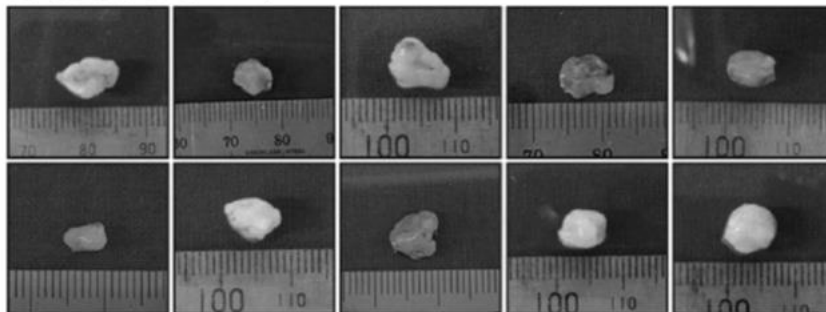


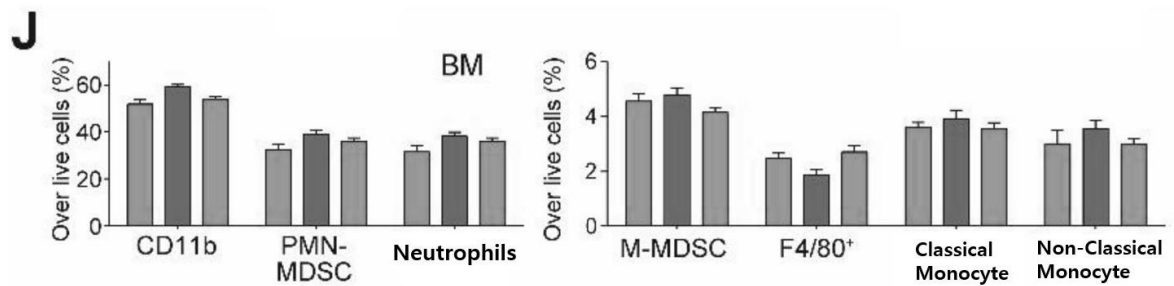
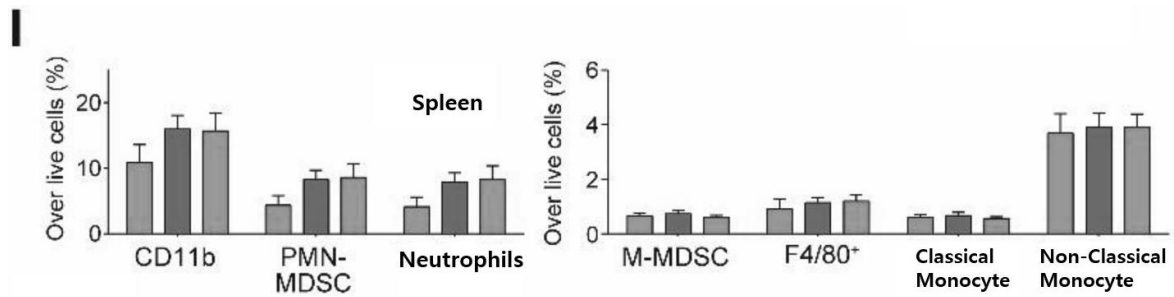
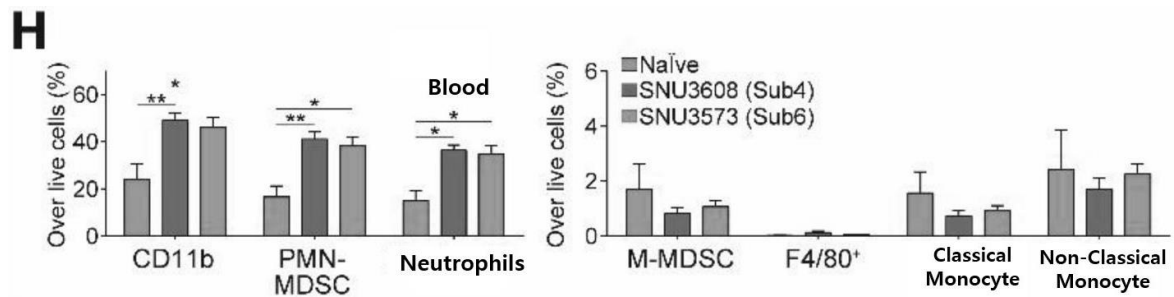
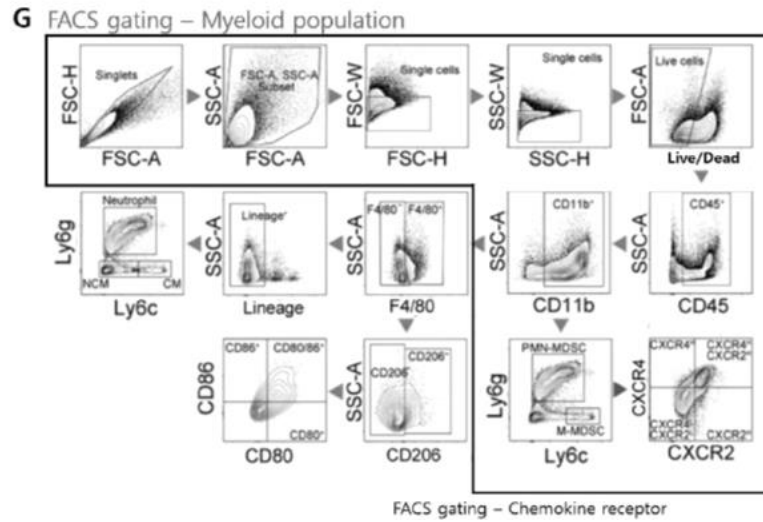
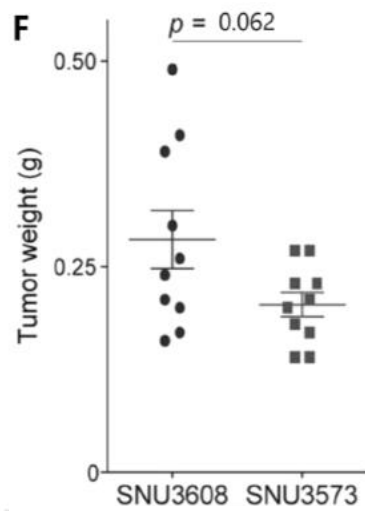
[FIG. 10]

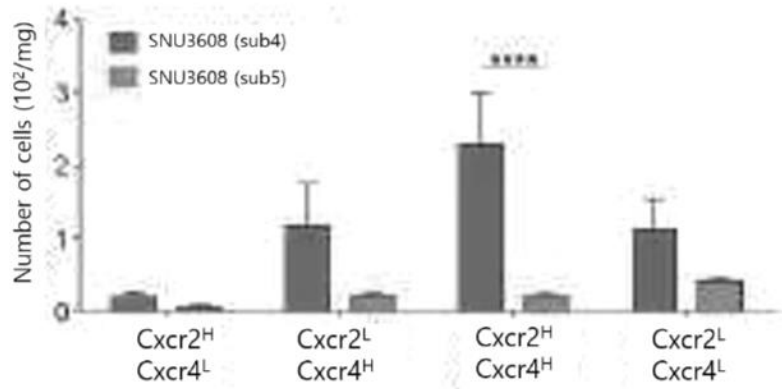
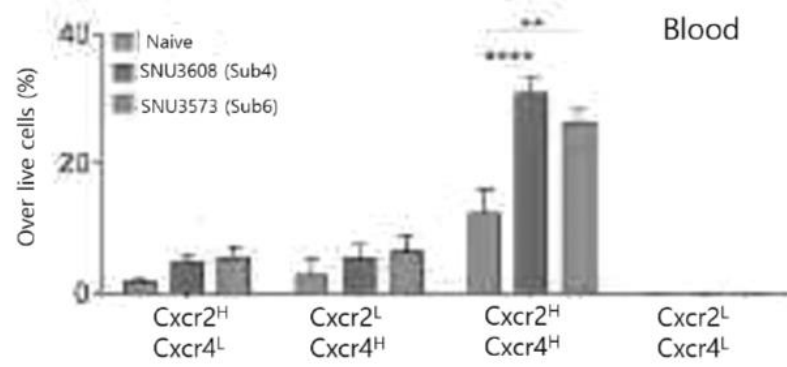
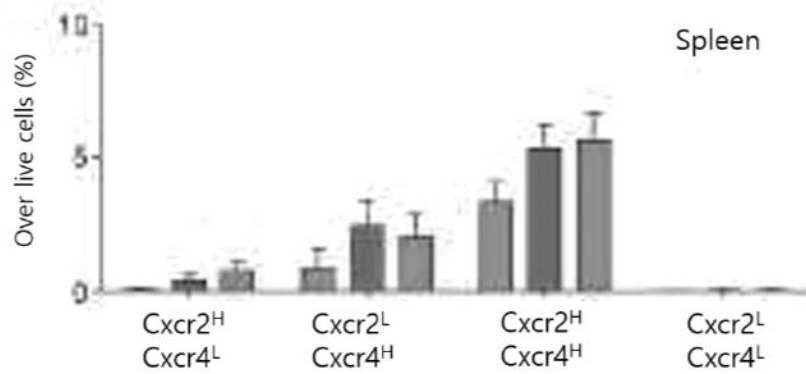
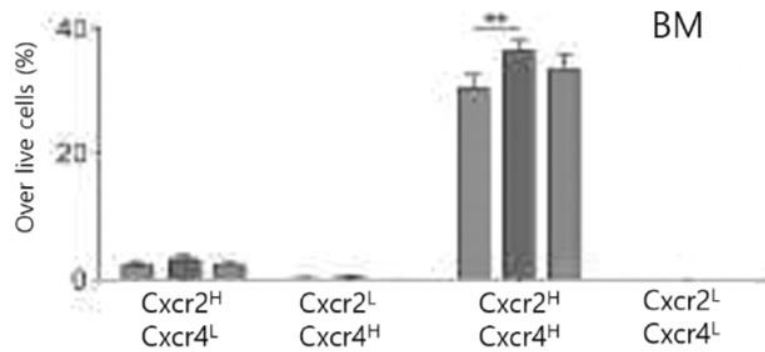


D**E** SNU3608 (Sub4)

SNU3573 (Sub6)





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[FIG. 13]

