

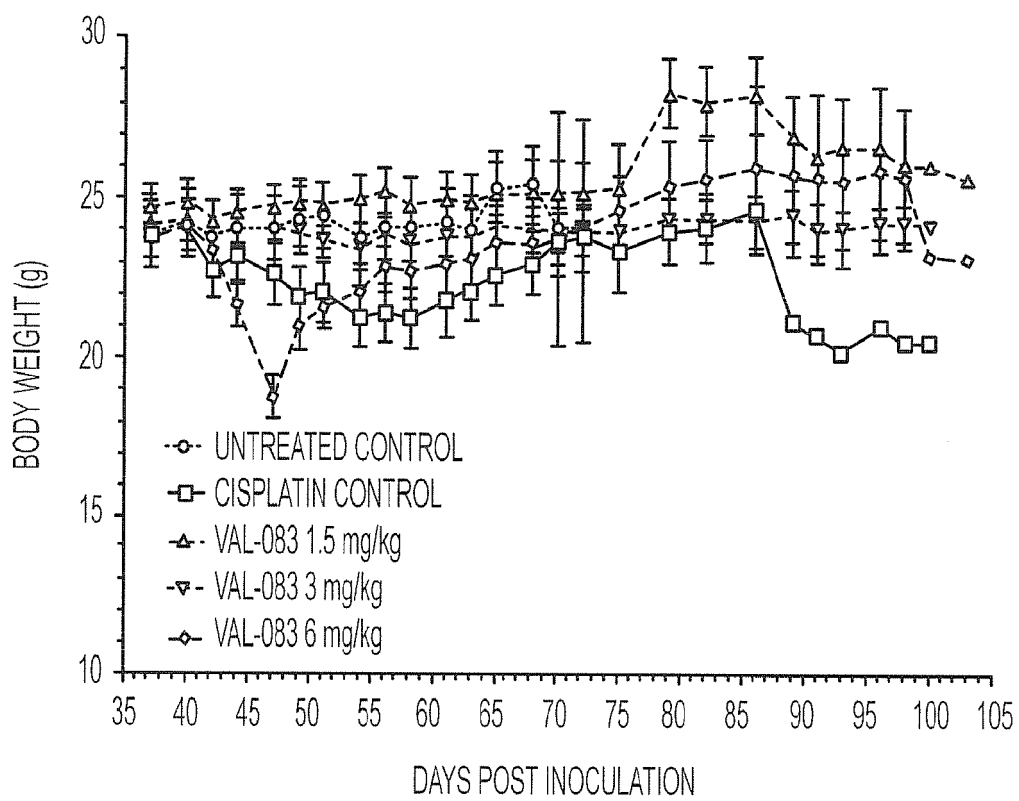


FIG. 1

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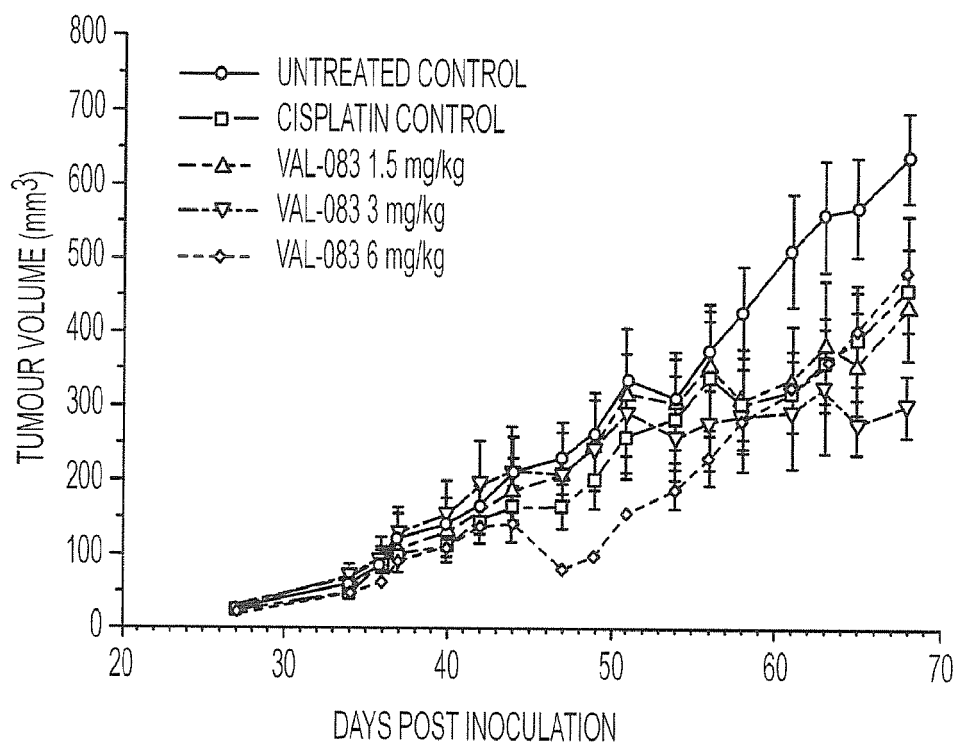
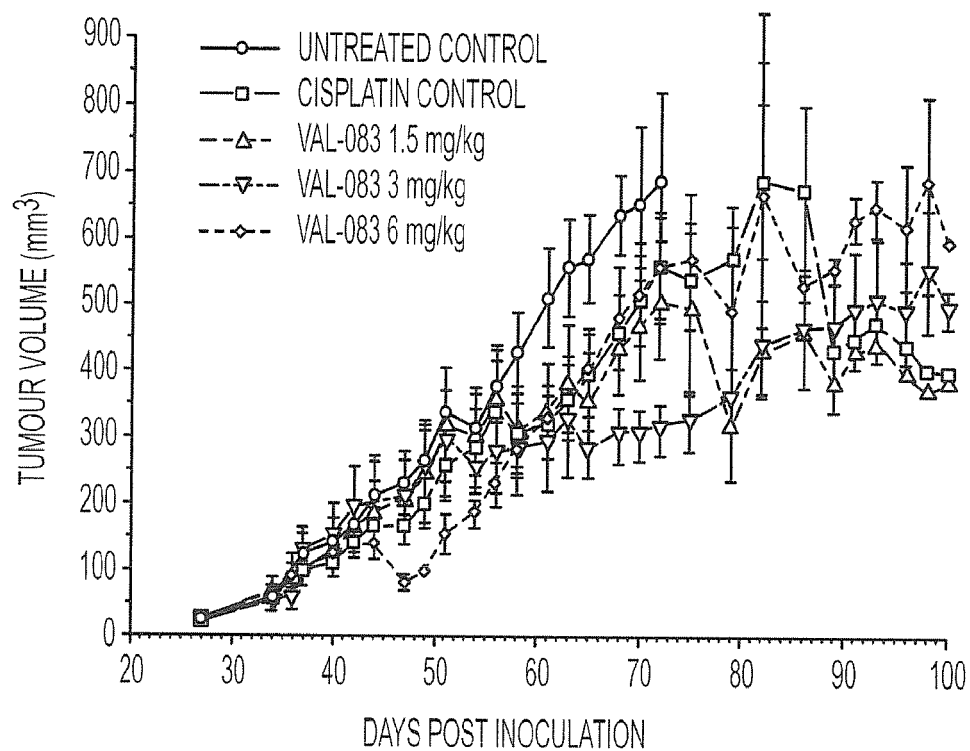


FIG. 2

VAL-083 MECHANISM OF ACTION

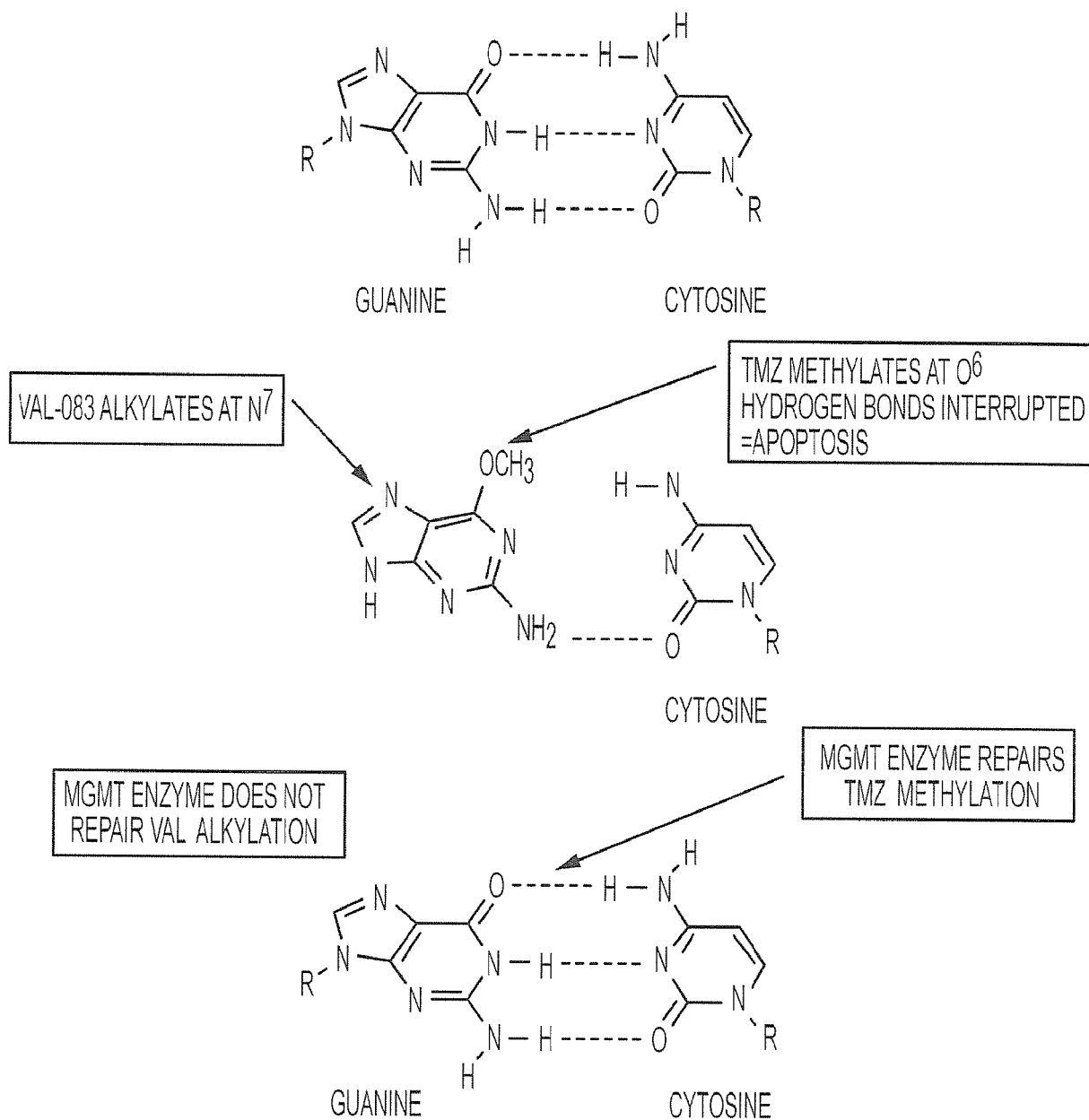


FIG. 3

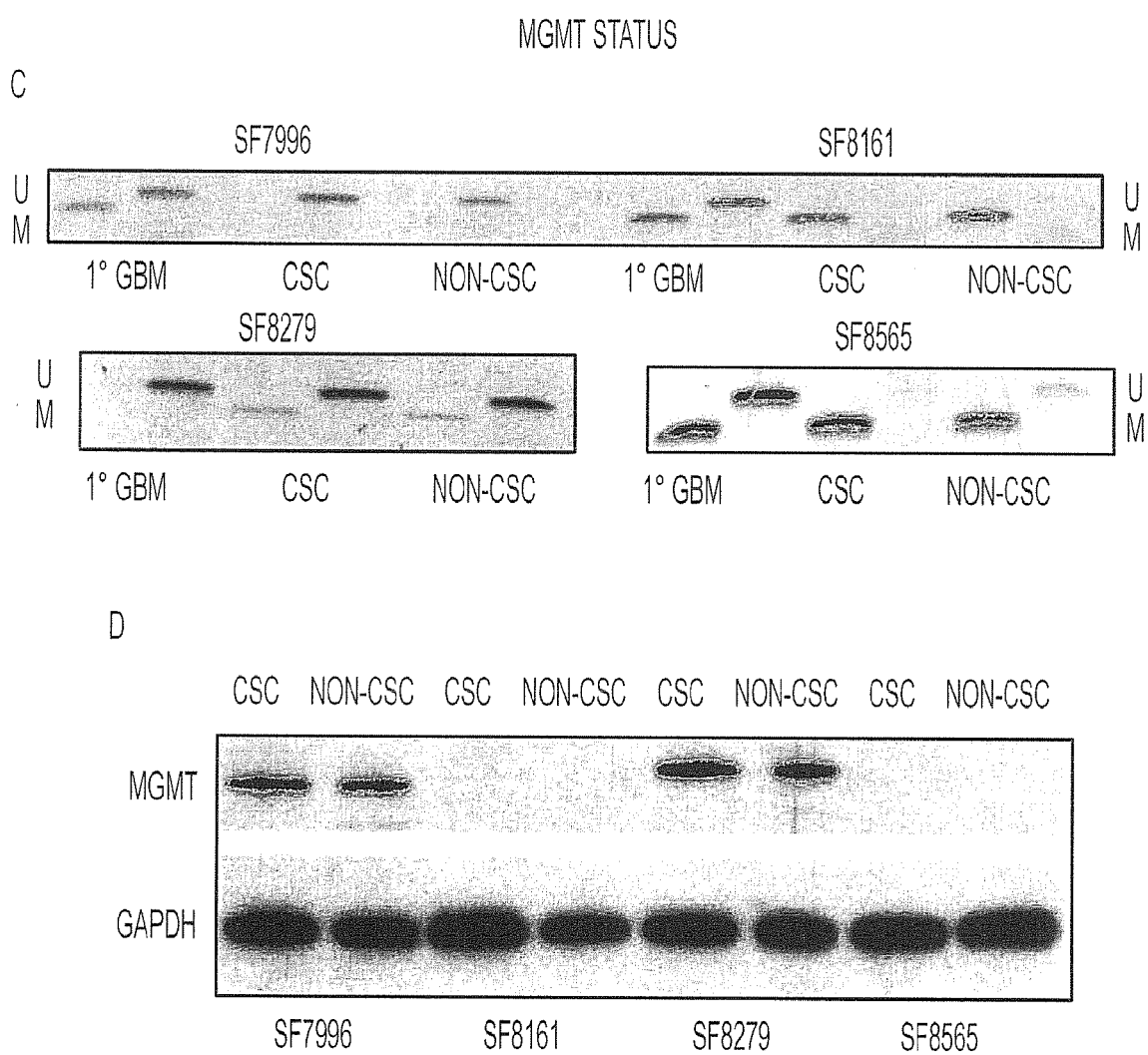


FIG. 4

VAL-083 TITRATION

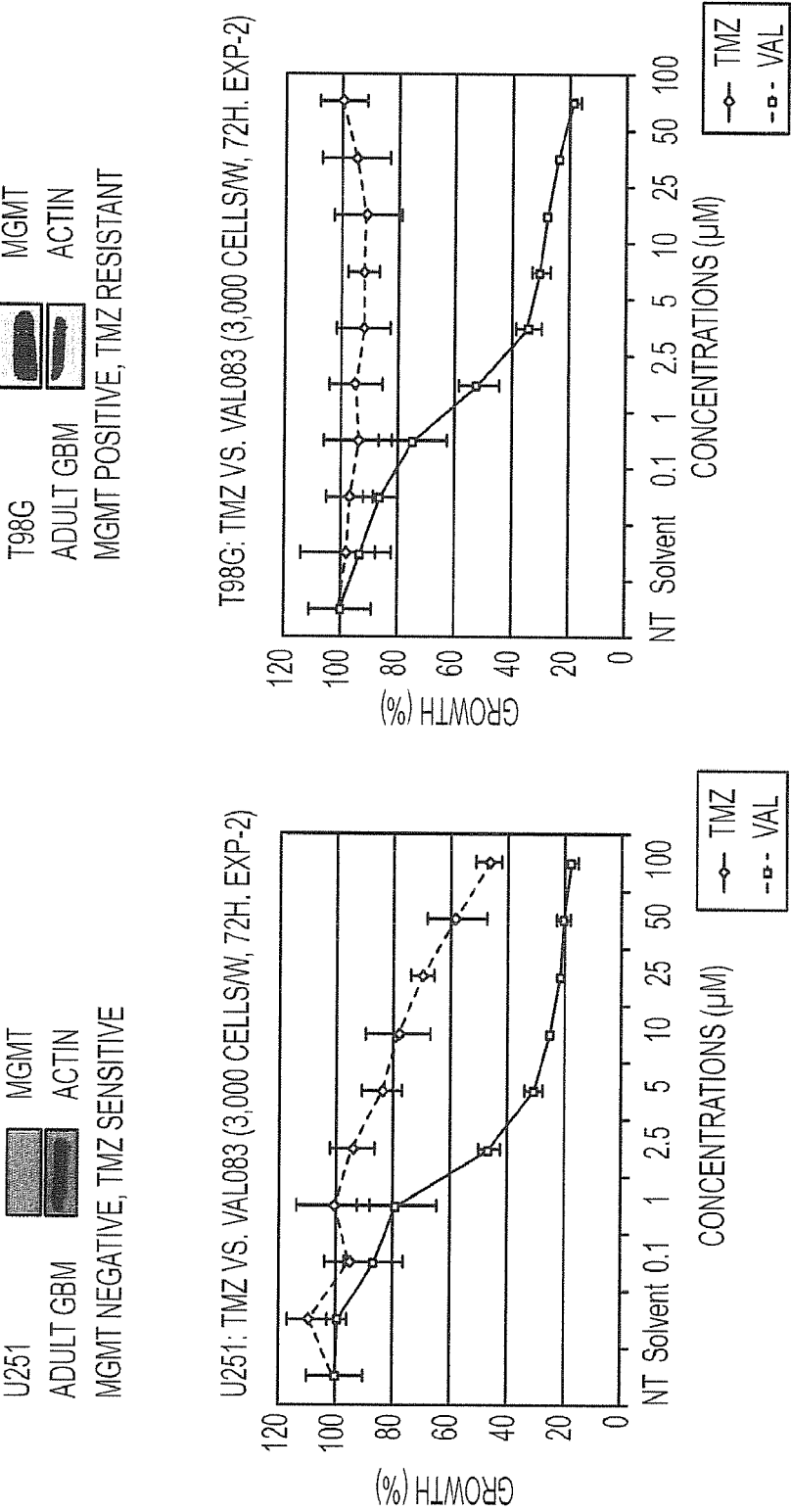


FIG. 5

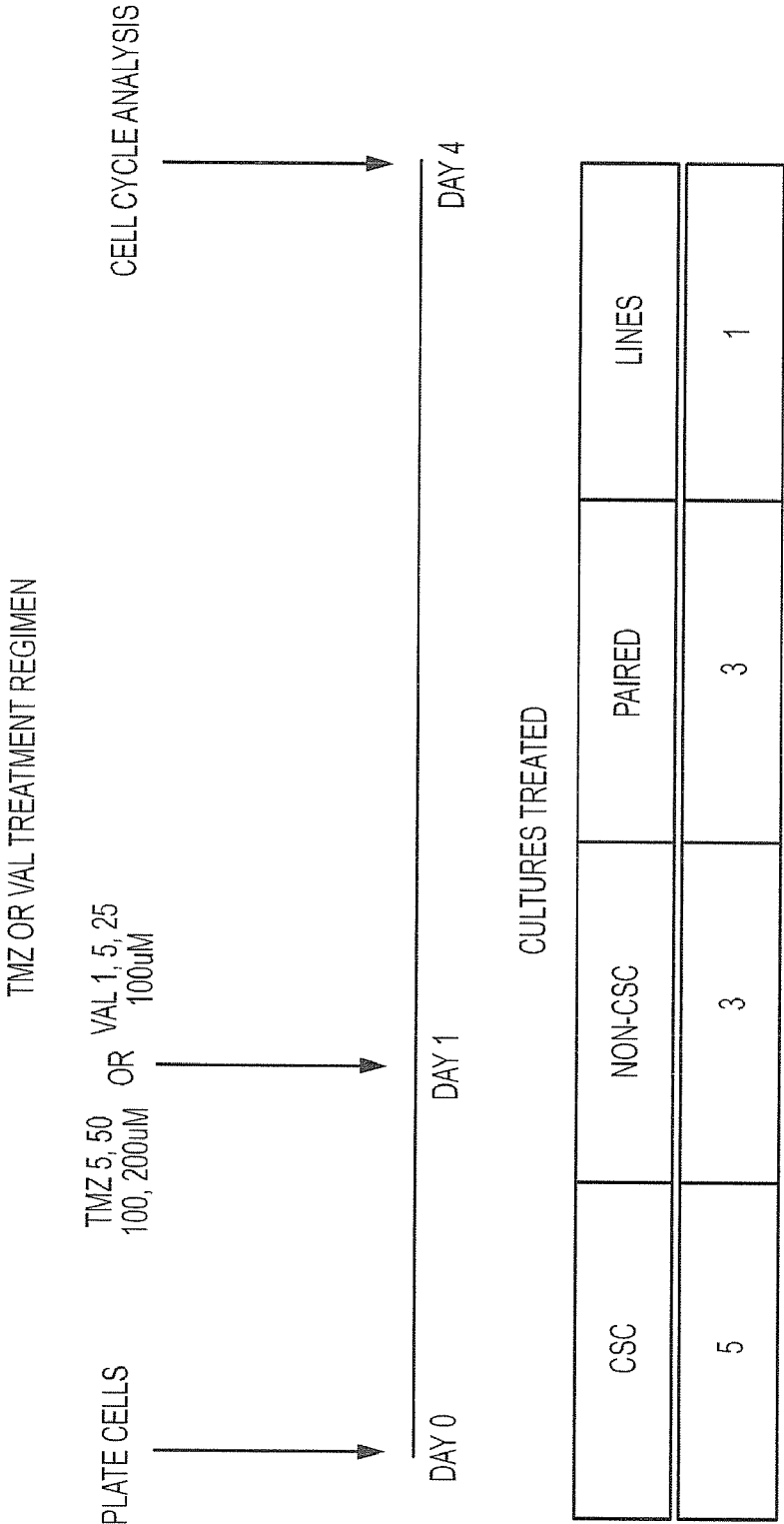


FIG. 6

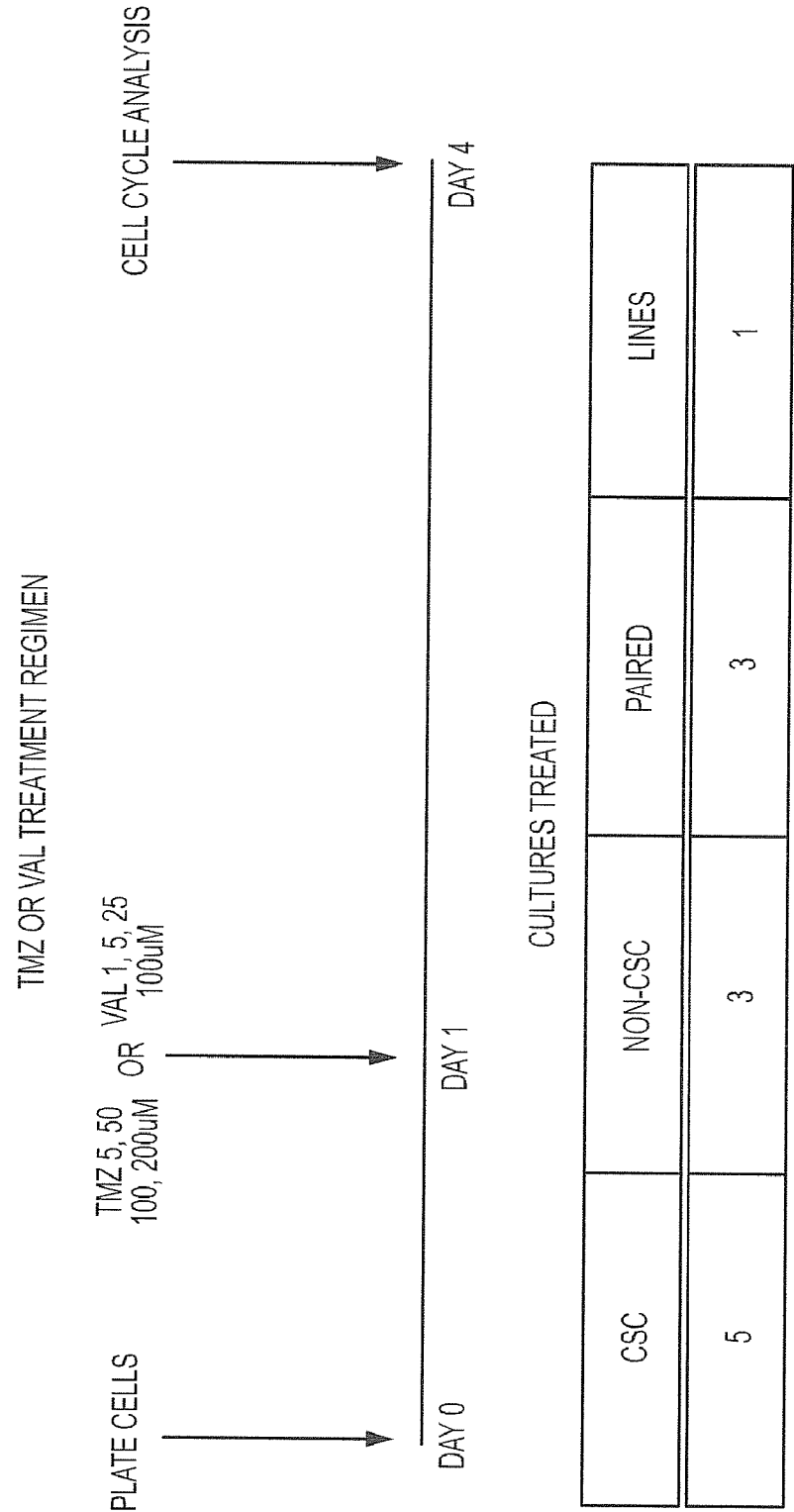


FIG. 7

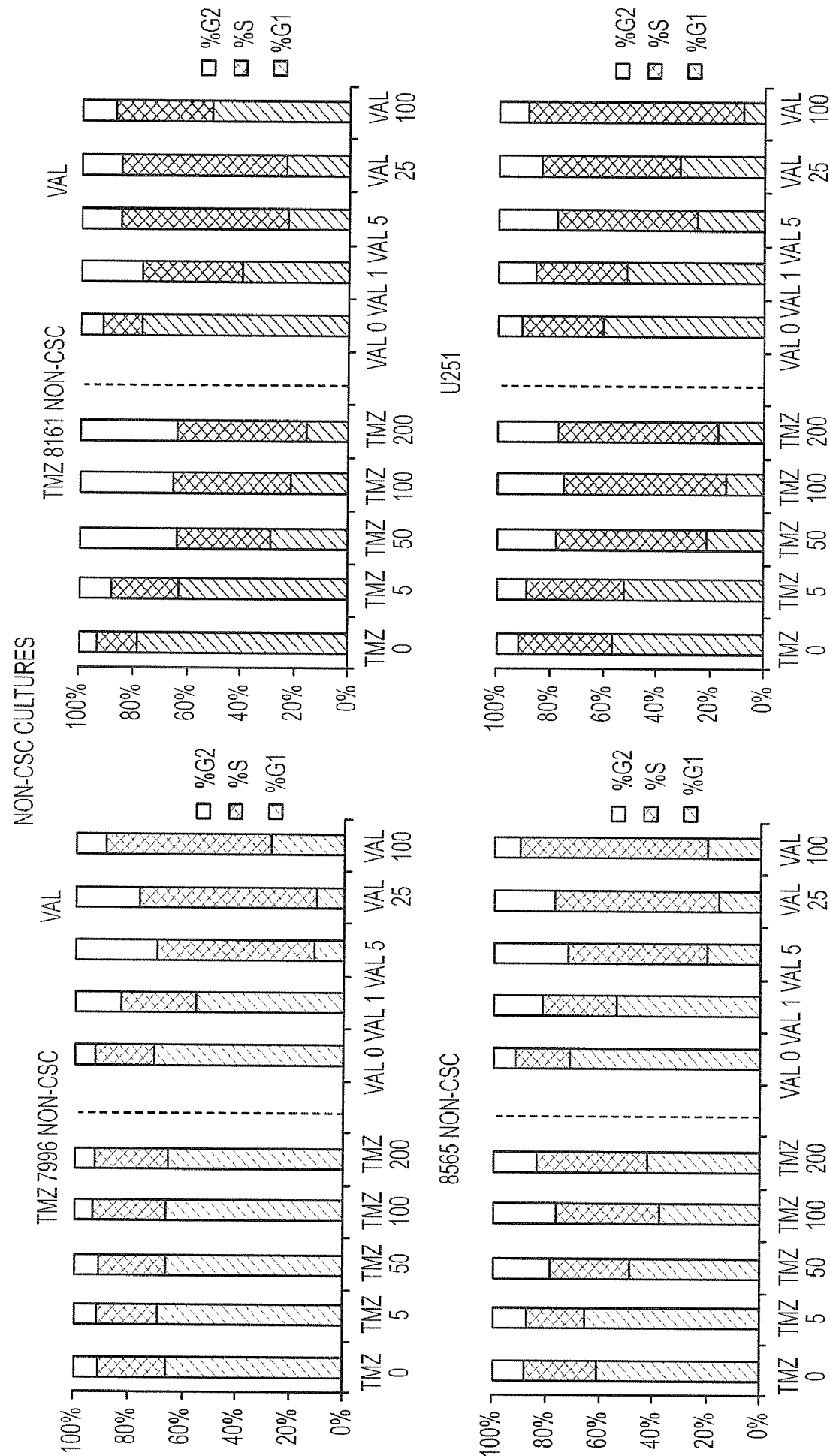


FIG. 8

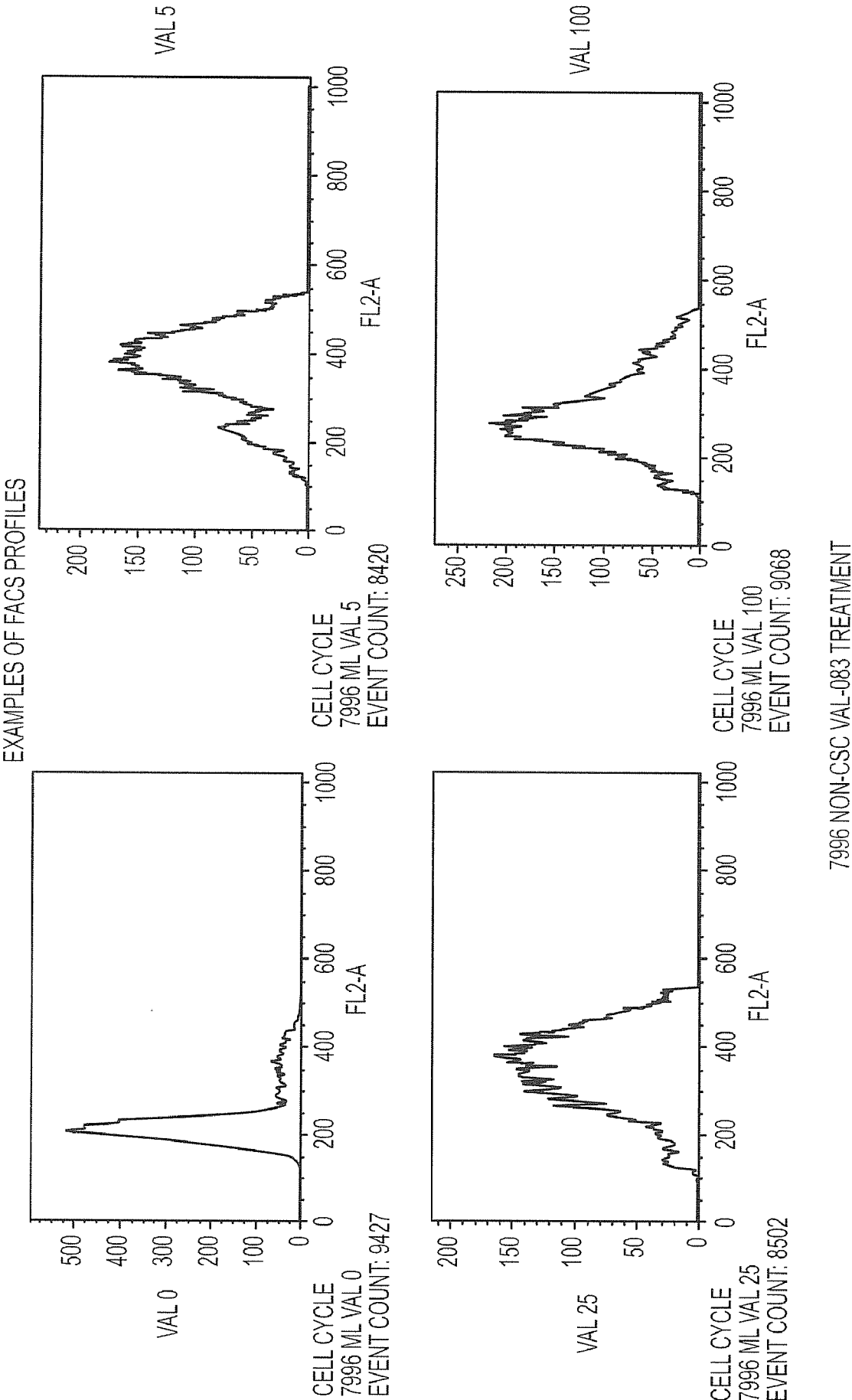


FIG. 9

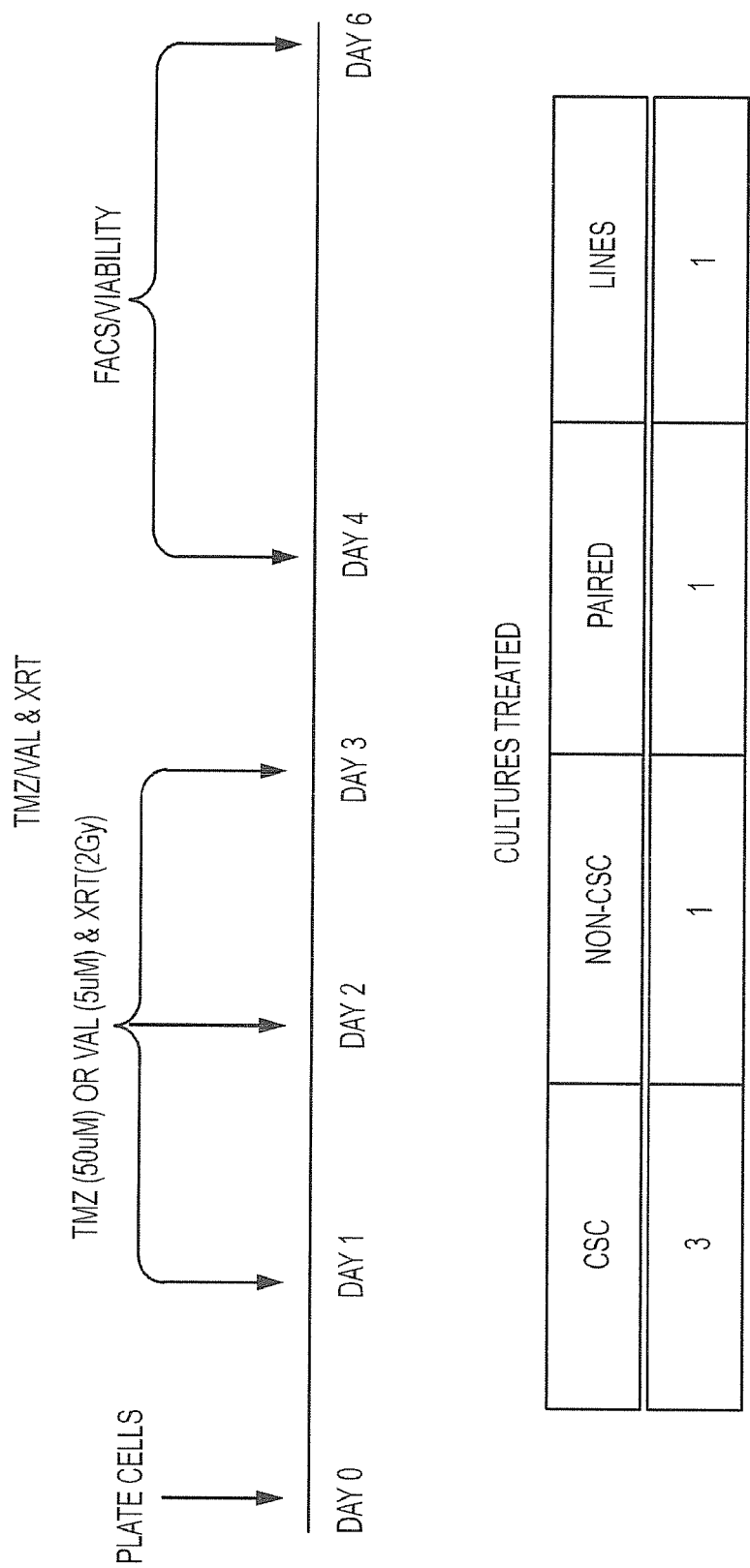
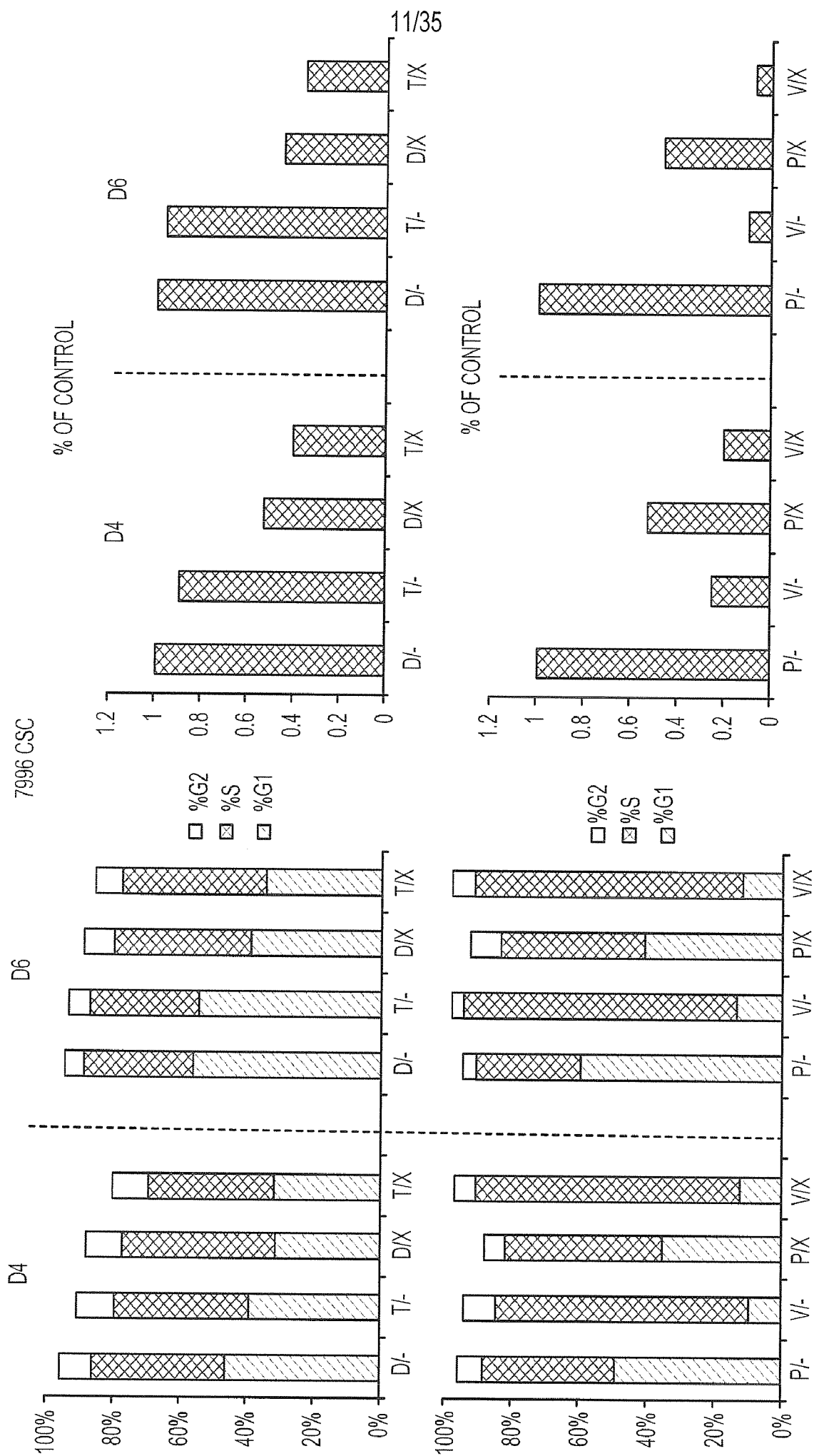


FIG. 10



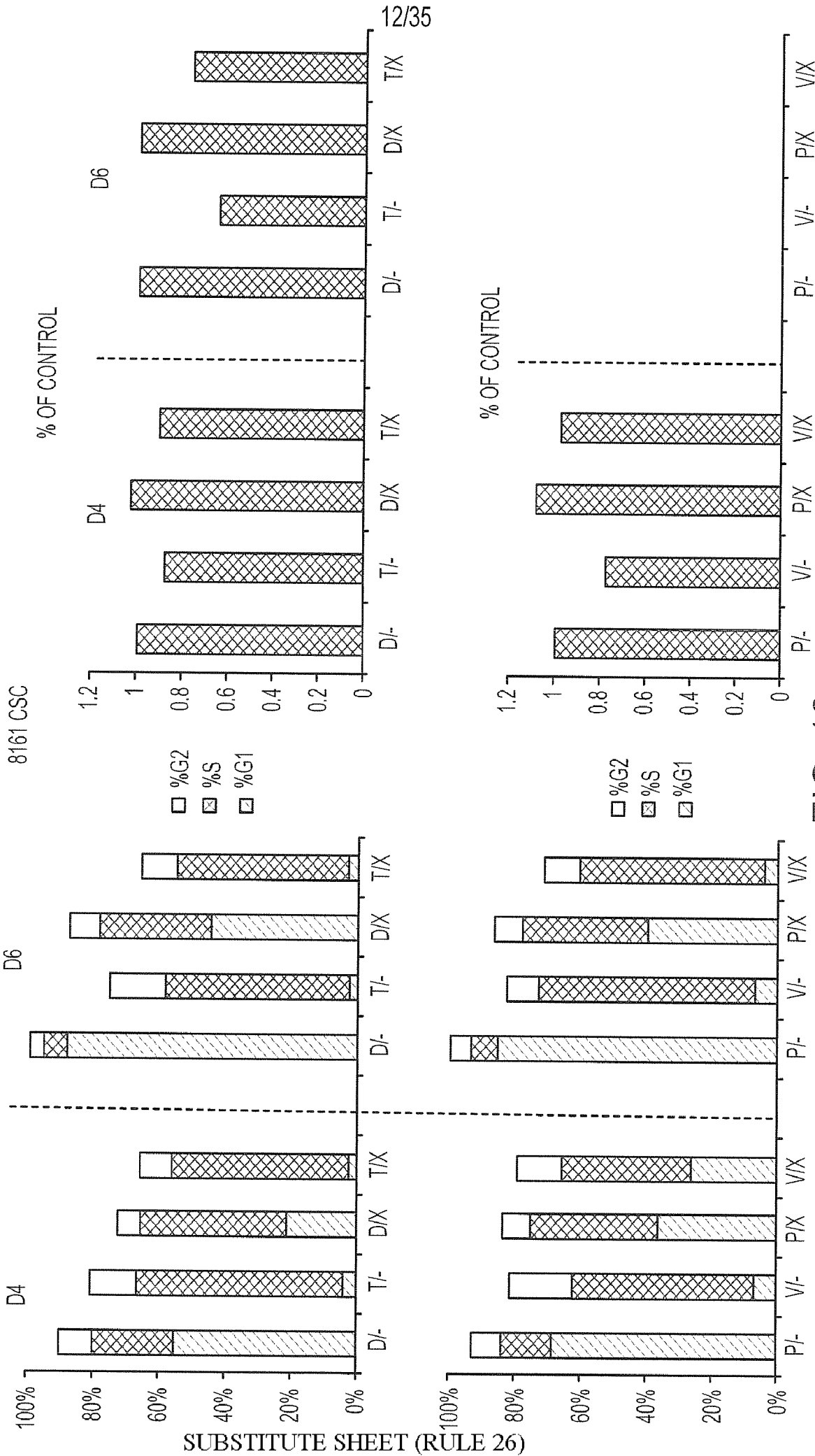
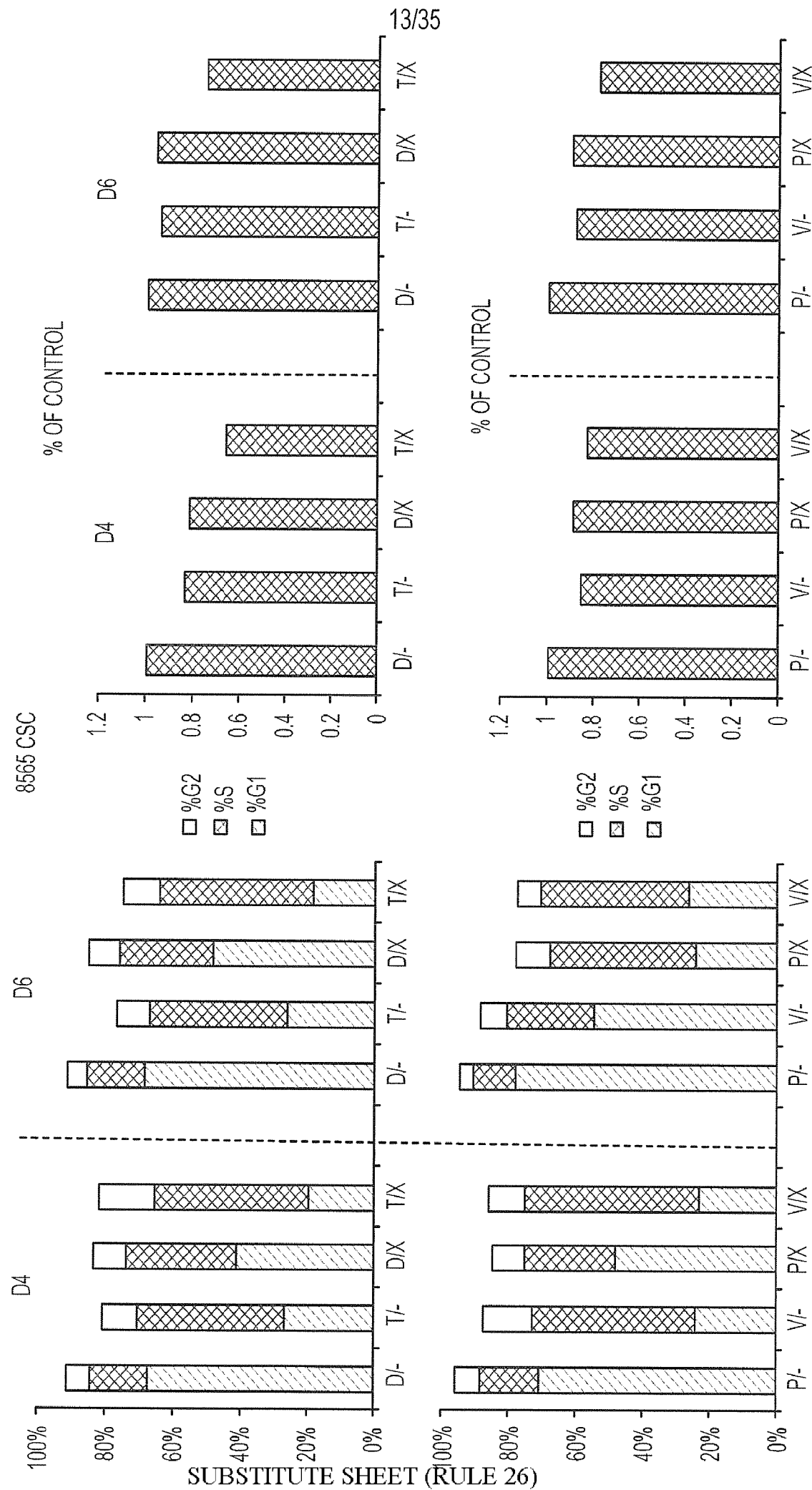
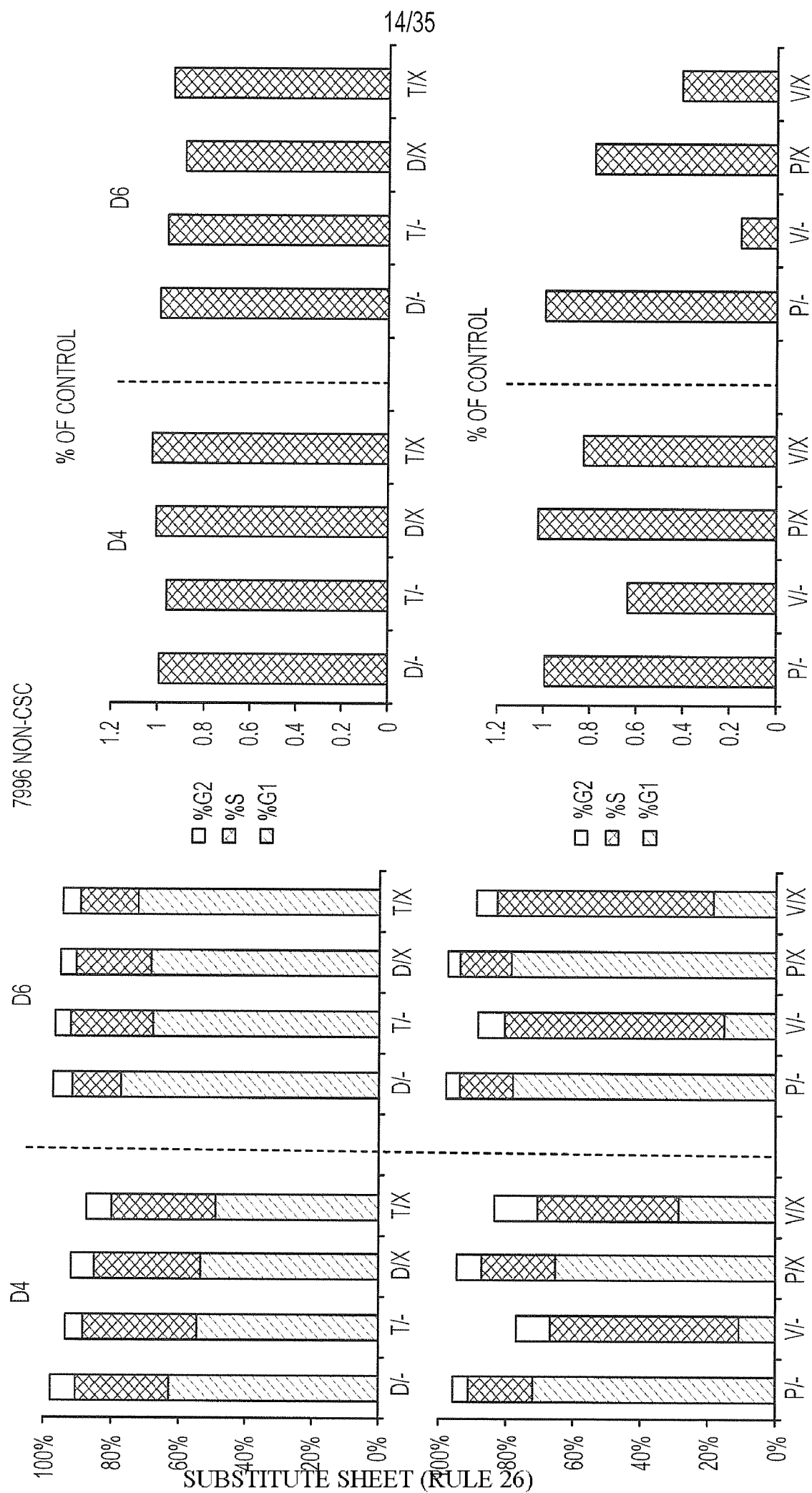


FIG. 12





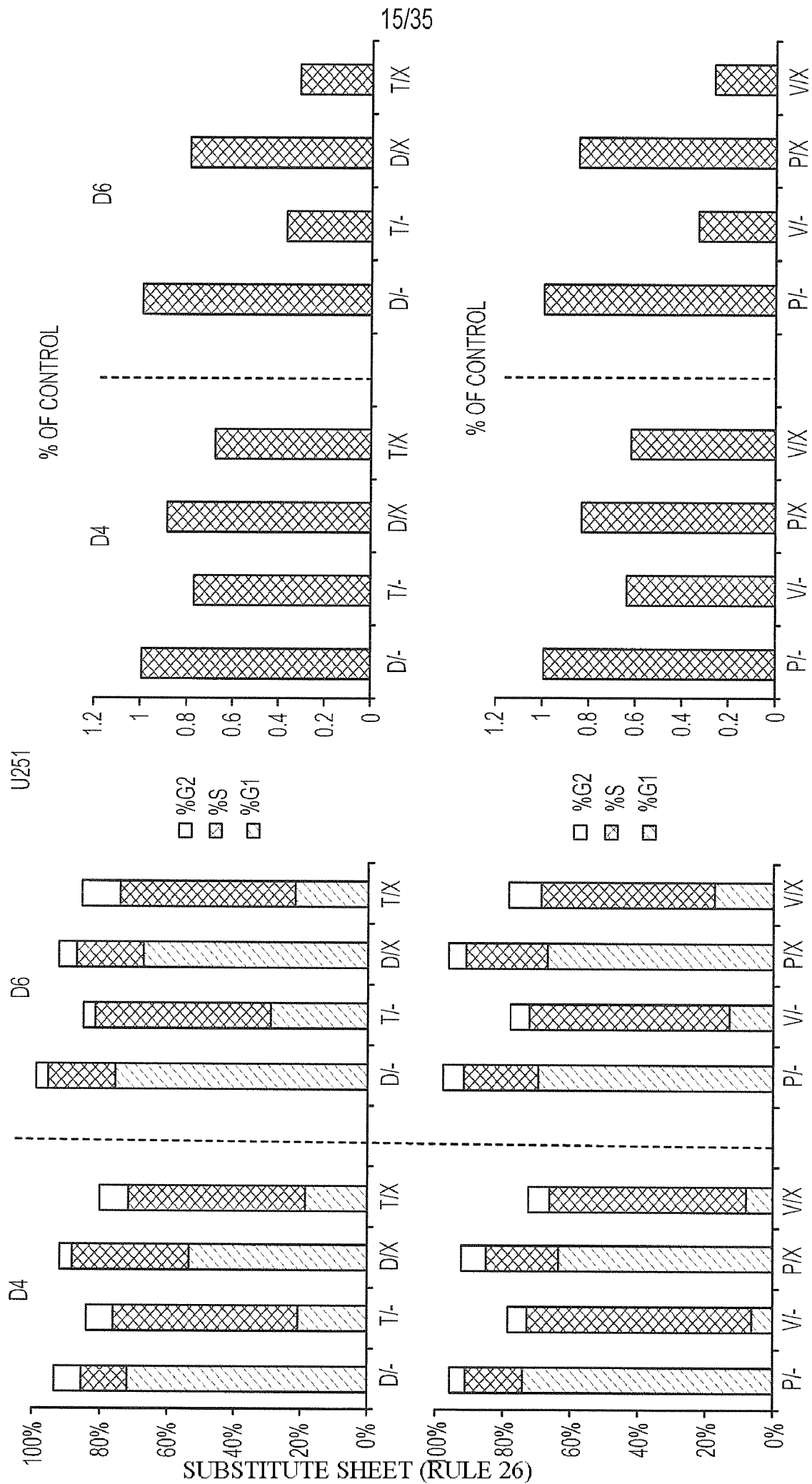


FIG. 15

VAL-083 CAUSES CELL CYCLE ARREST IN TMZ-RESISTANT CULTURES

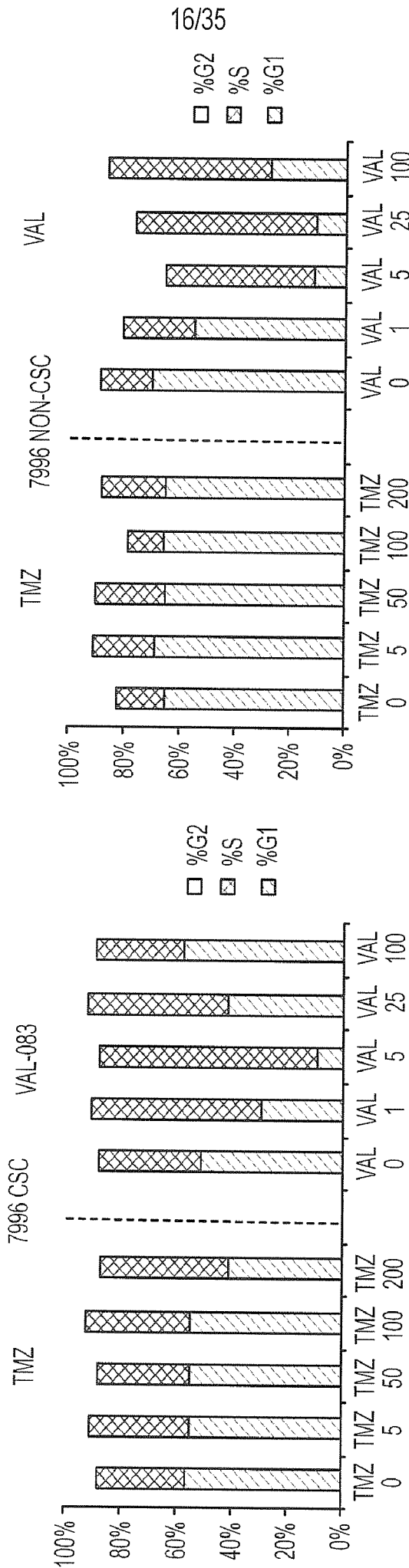


FIG. 16A

FIG. 16B

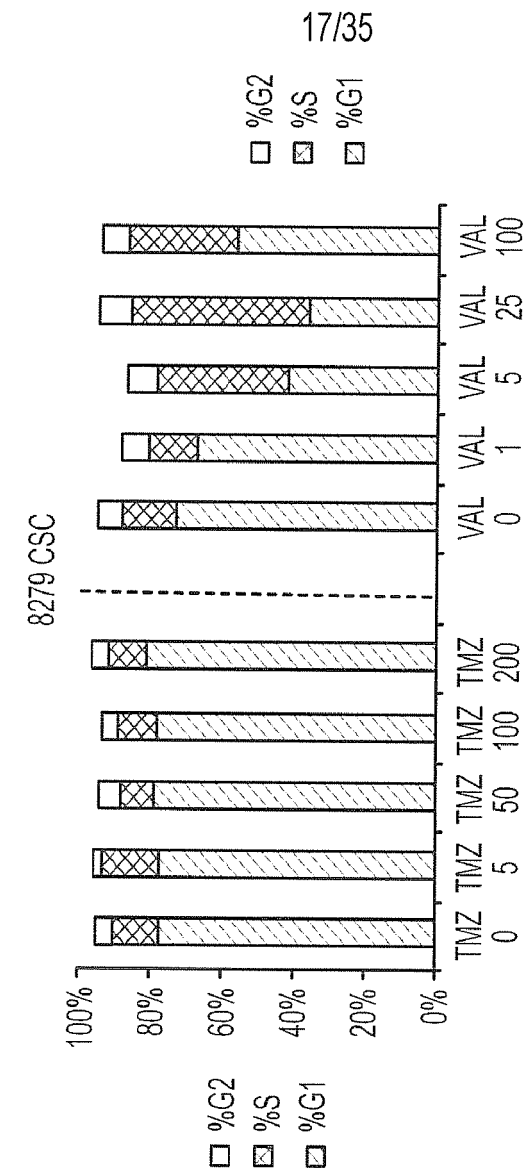


FIG. 16D

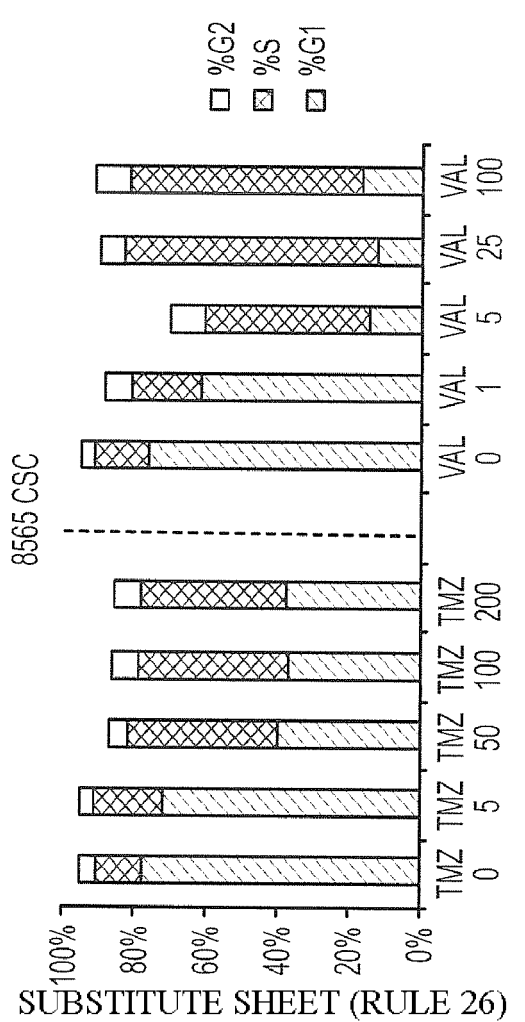


FIG. 16C

VAL-083 DECREASES CELL VIABILITY IN TMZ-RESISTANT CULTURES

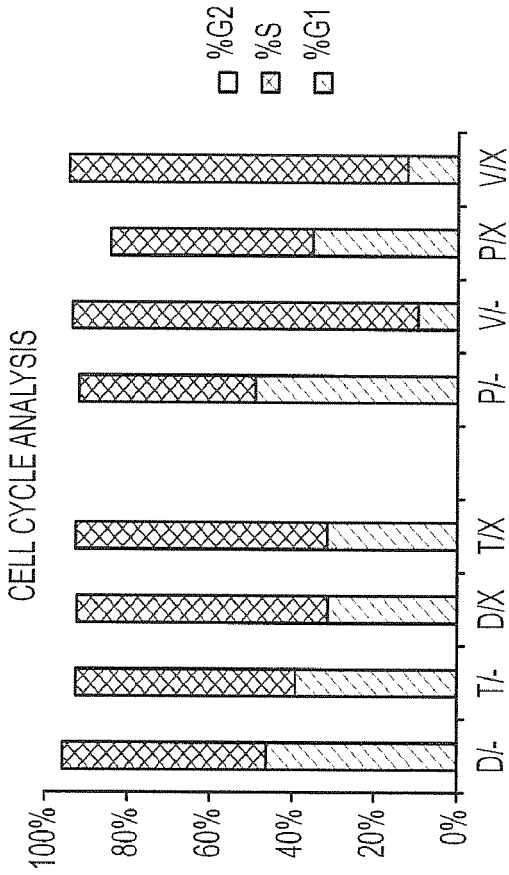


FIG. 17A

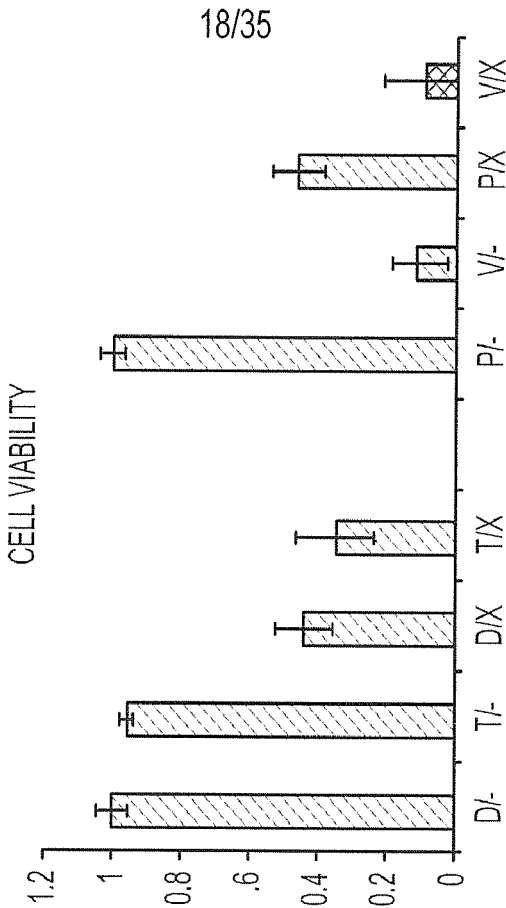


FIG. 17B

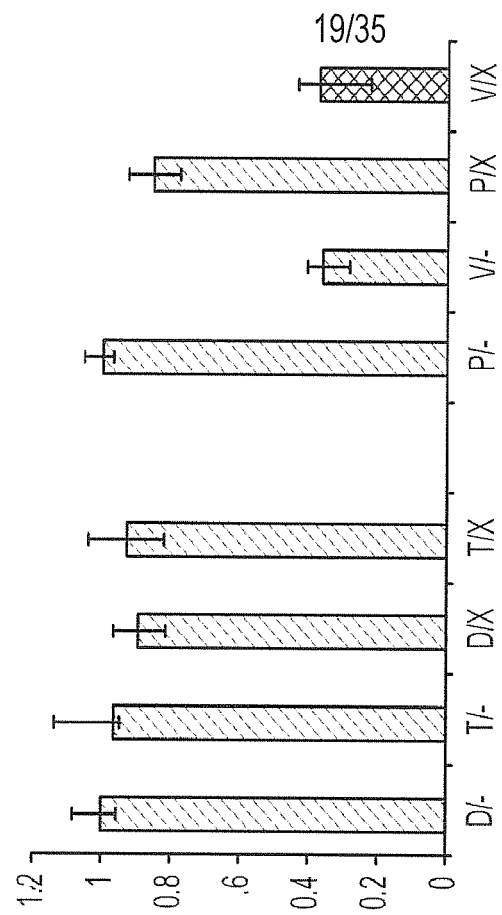


FIG. 17D

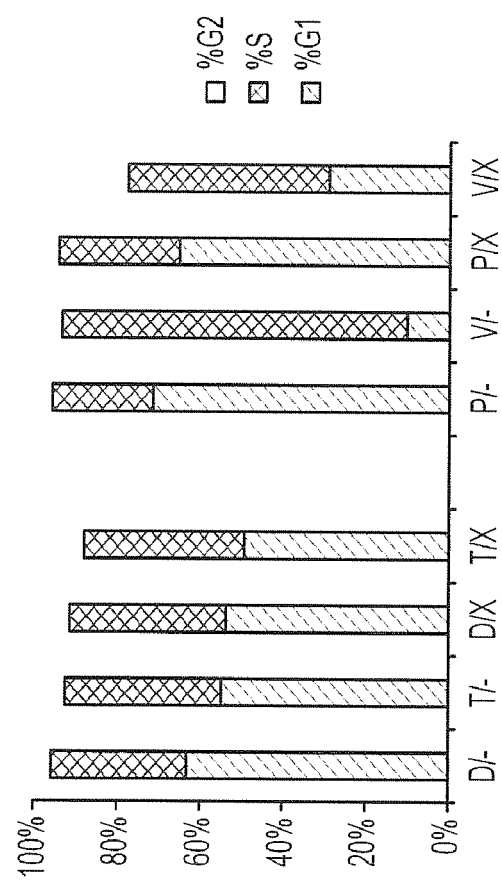


FIG. 17C

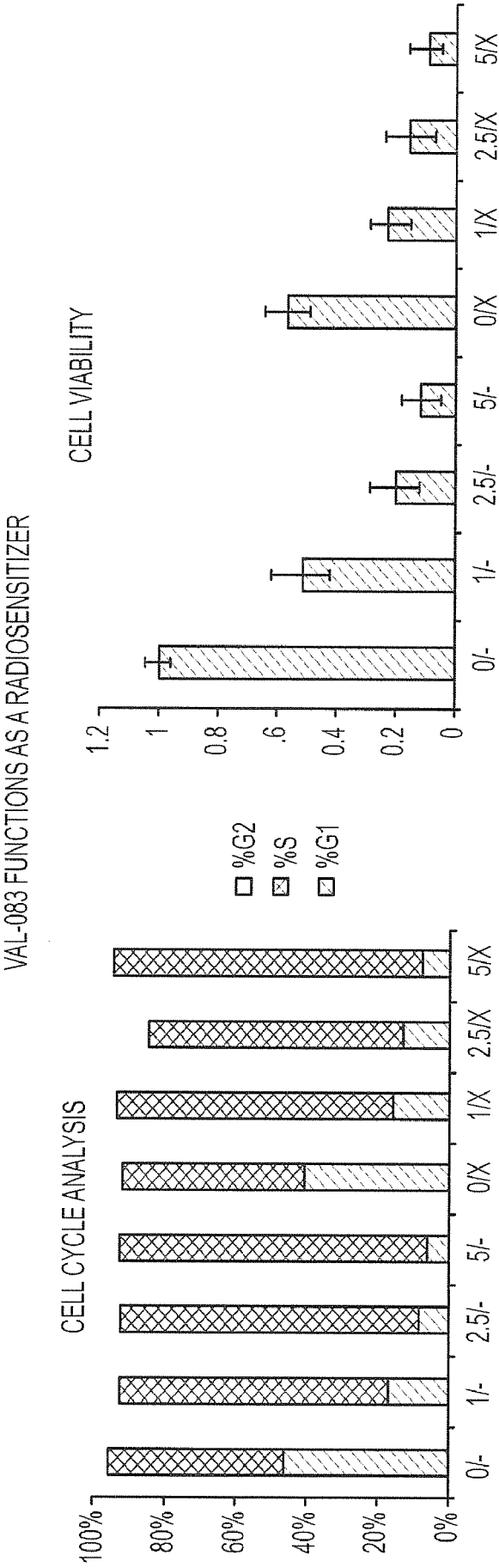


FIG. 18A

FIG. 18B

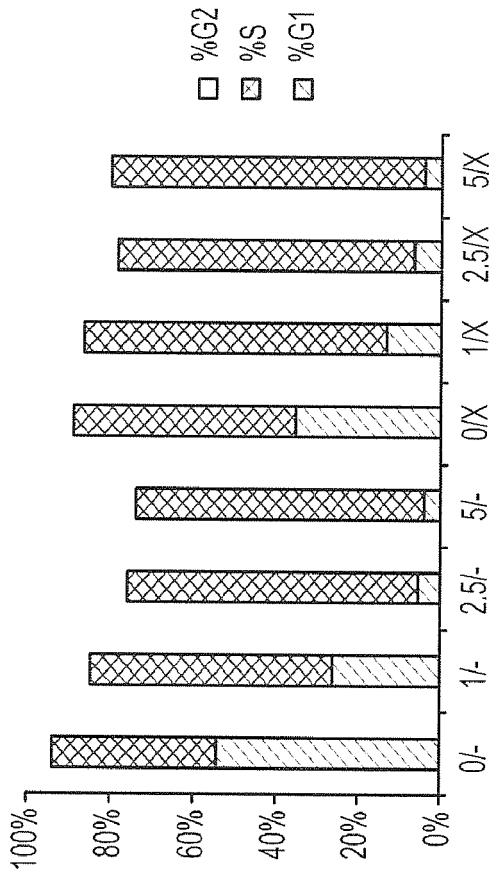


FIG. 18C

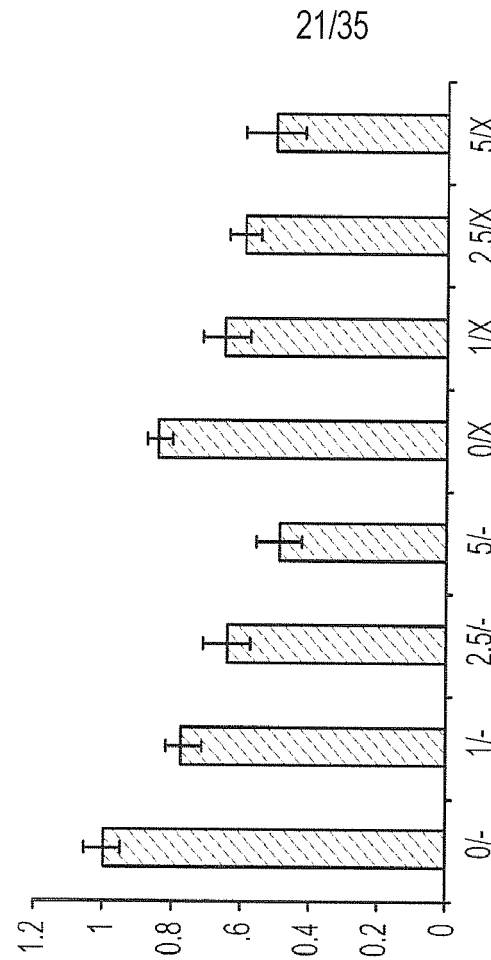
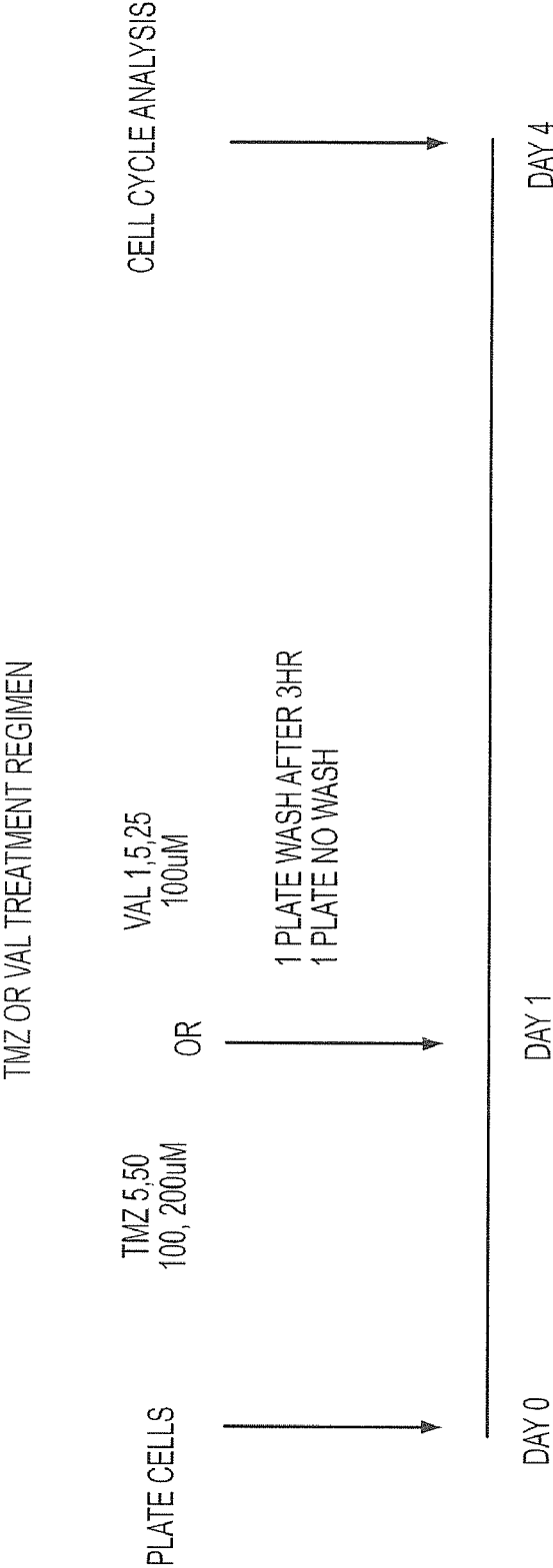


FIG. 18D



CULTURES TREATED

CSC	NON-CSC	PAIRED
3	2	1

FIG. 19

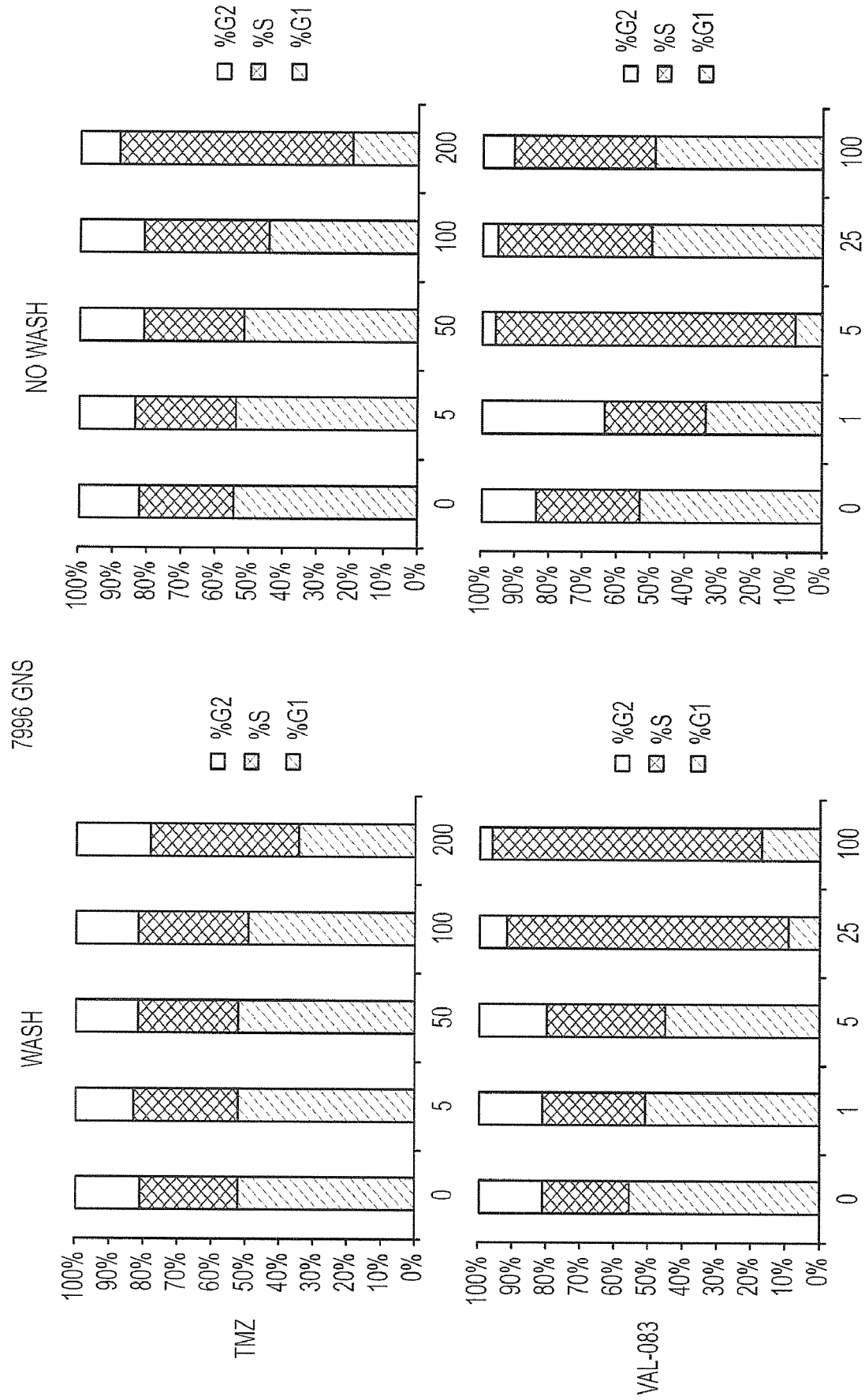


FIG. 20

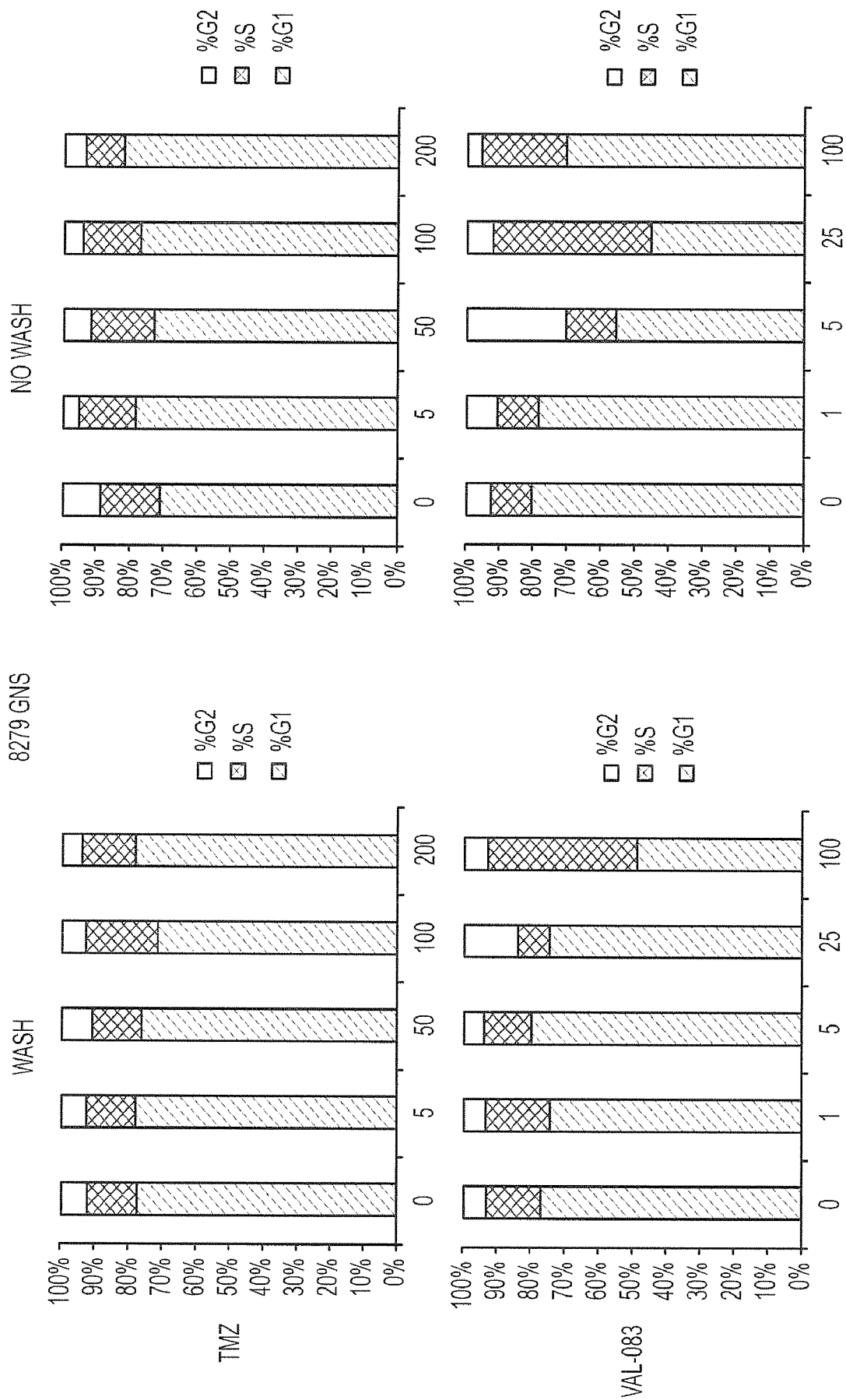


FIG. 21

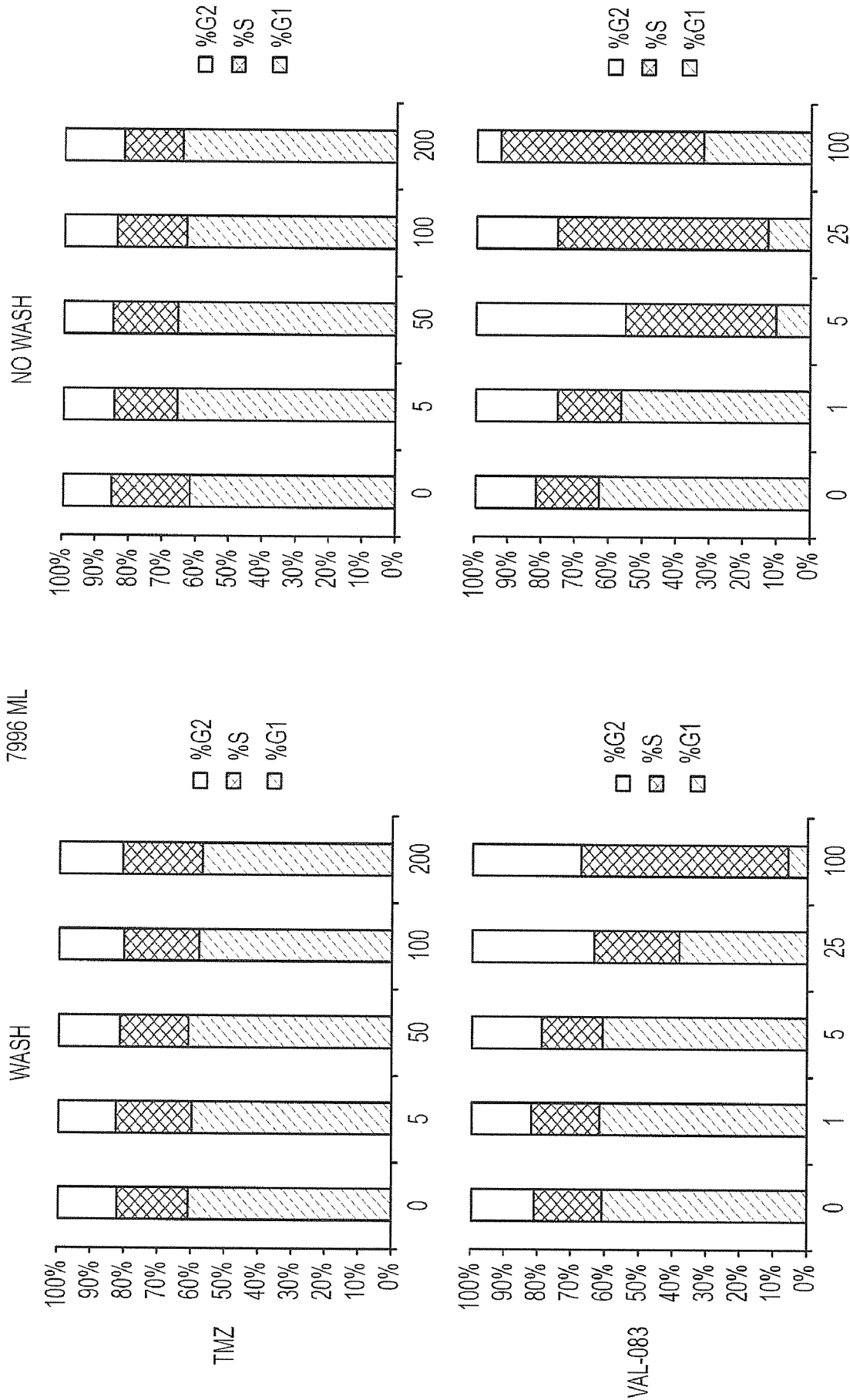


FIG. 22

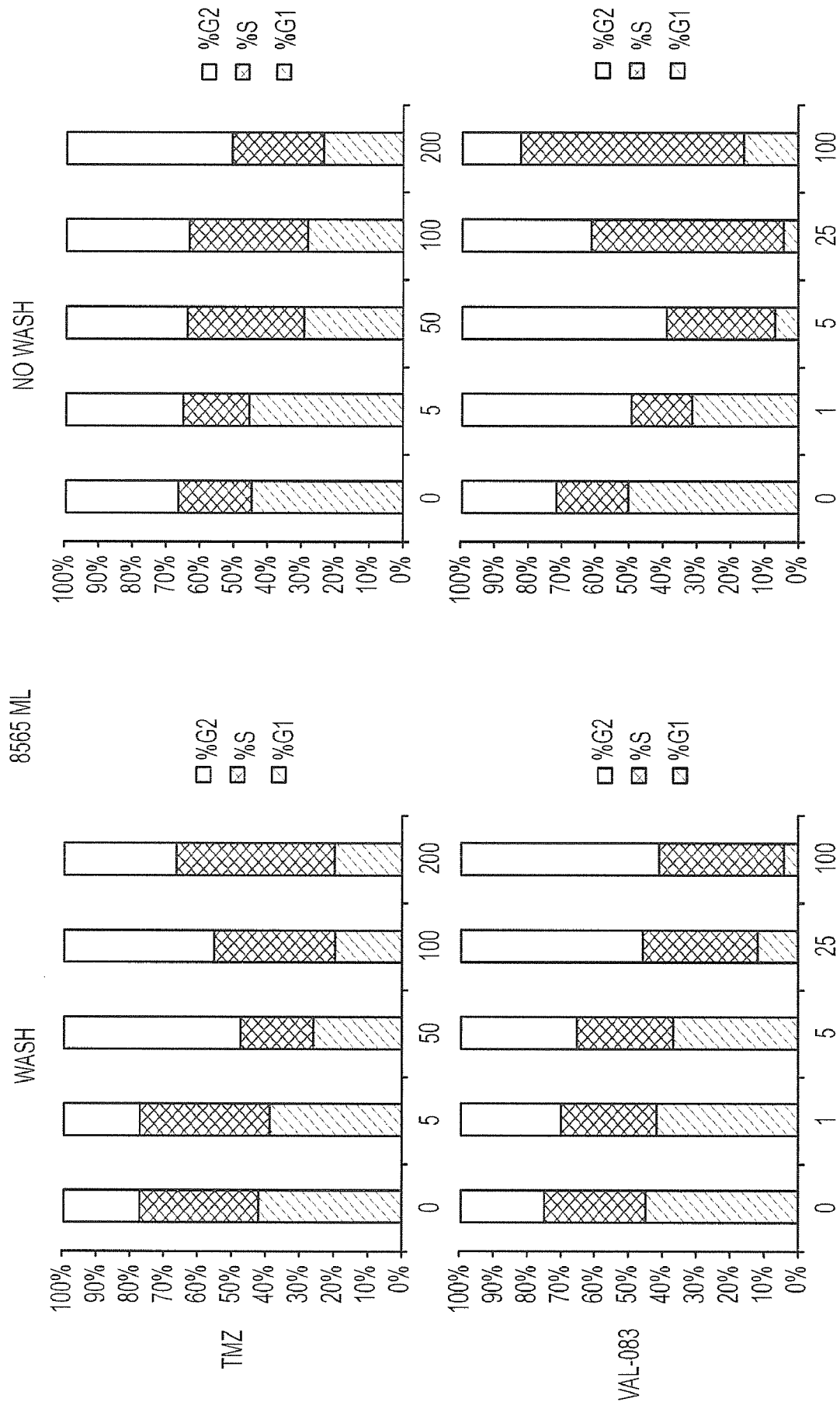
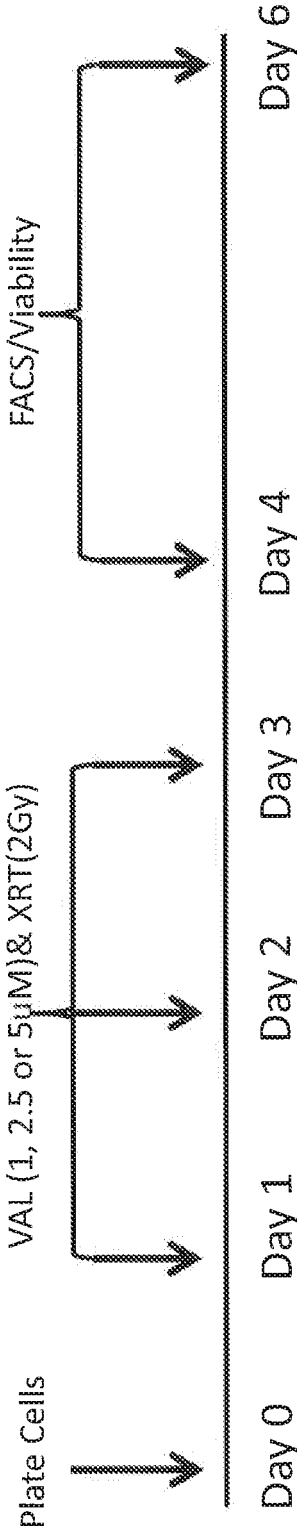


FIG. 23

VAL & XRT



Cultures Treated

CSC	Non-CSC	Paired
2	2	2

Fig. 24

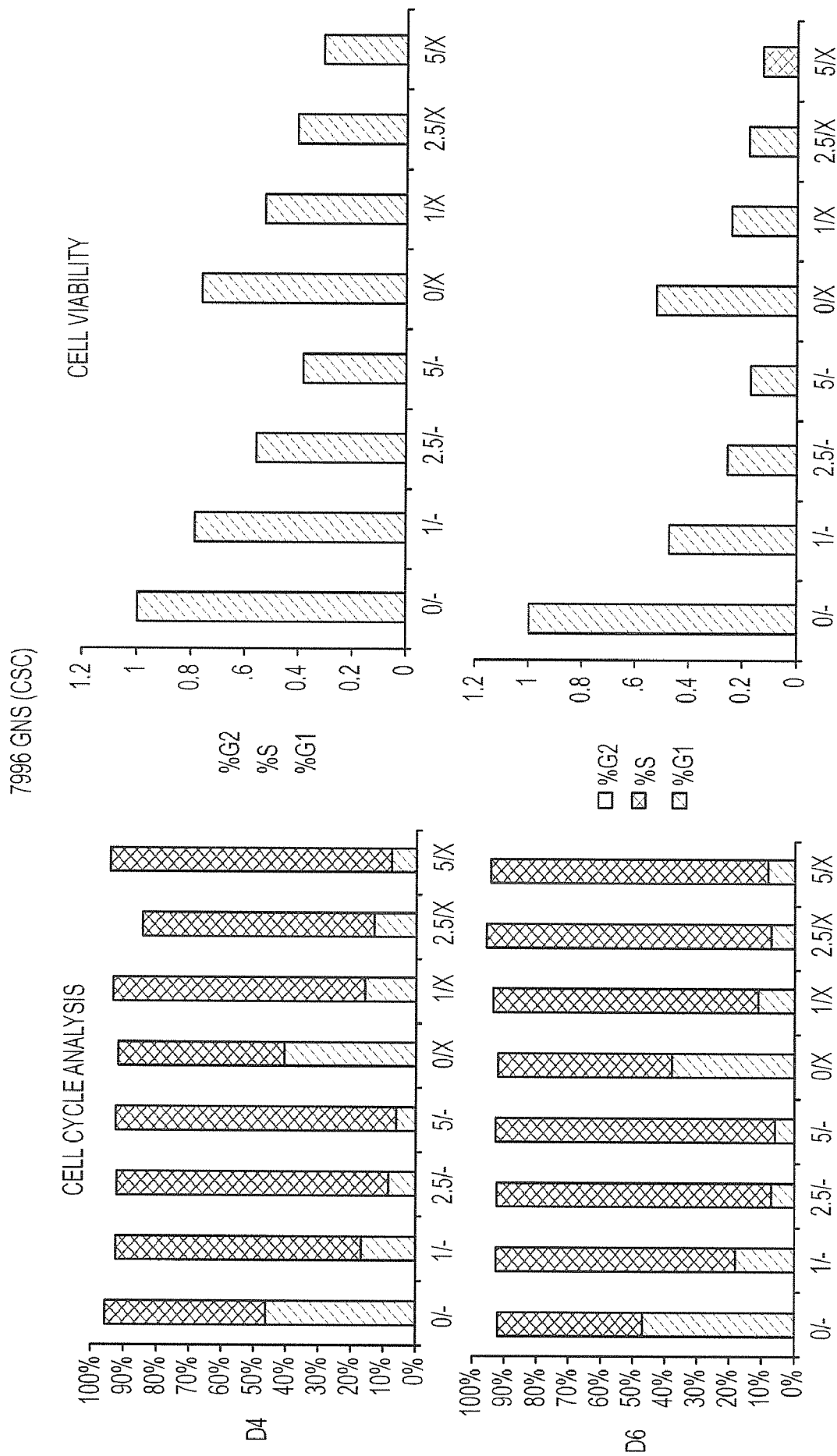


FIG. 25

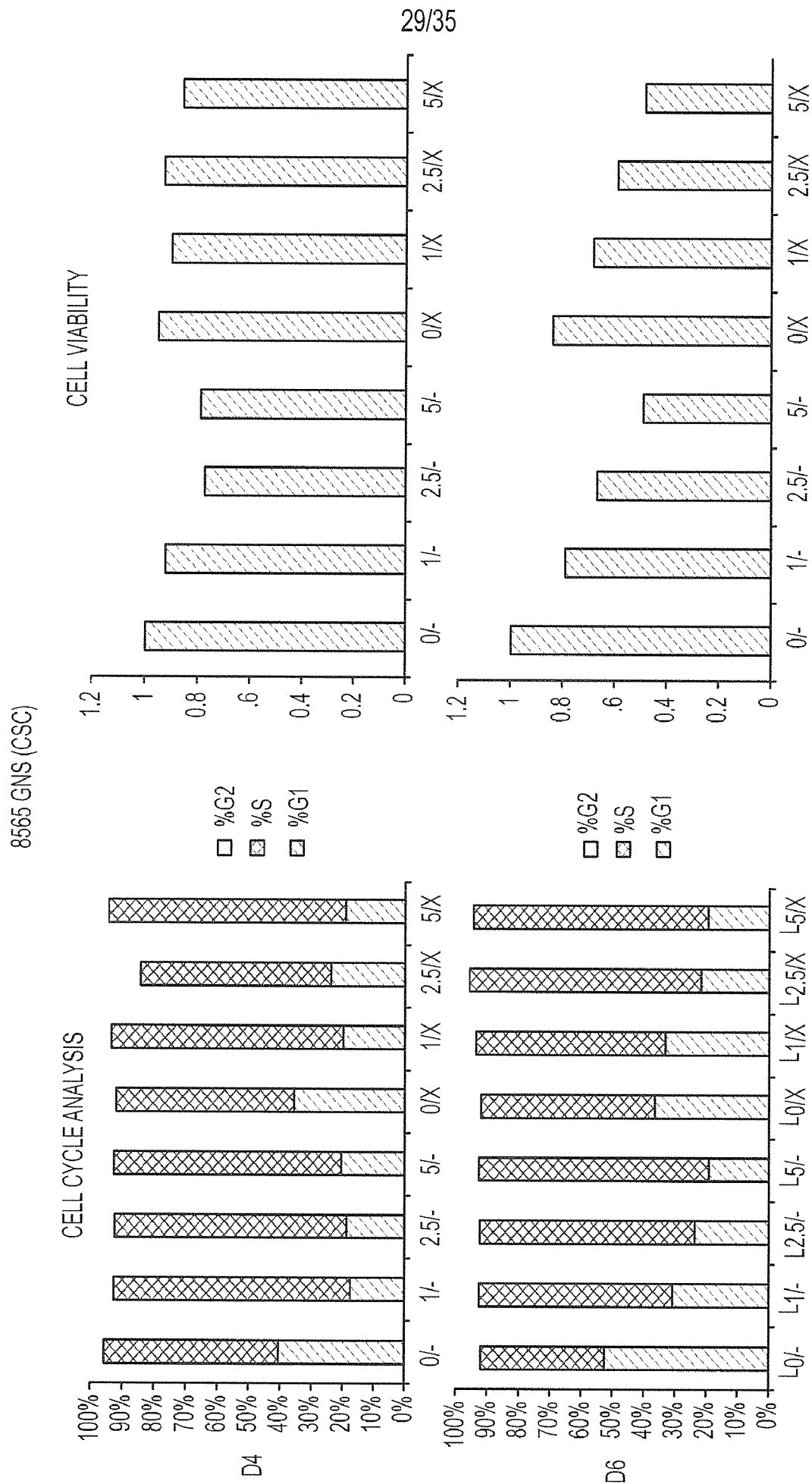


FIG. 26

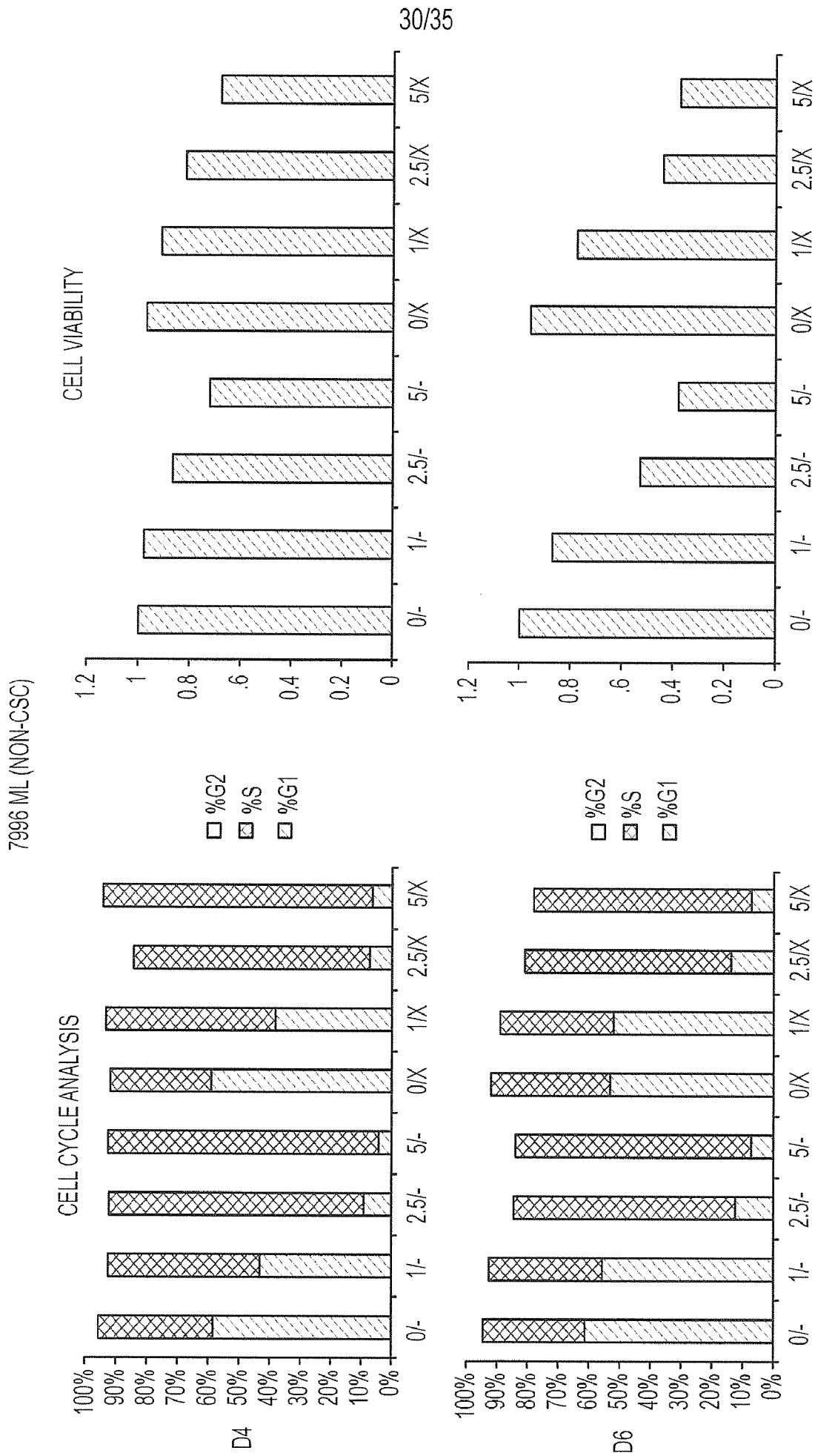


FIG. 27

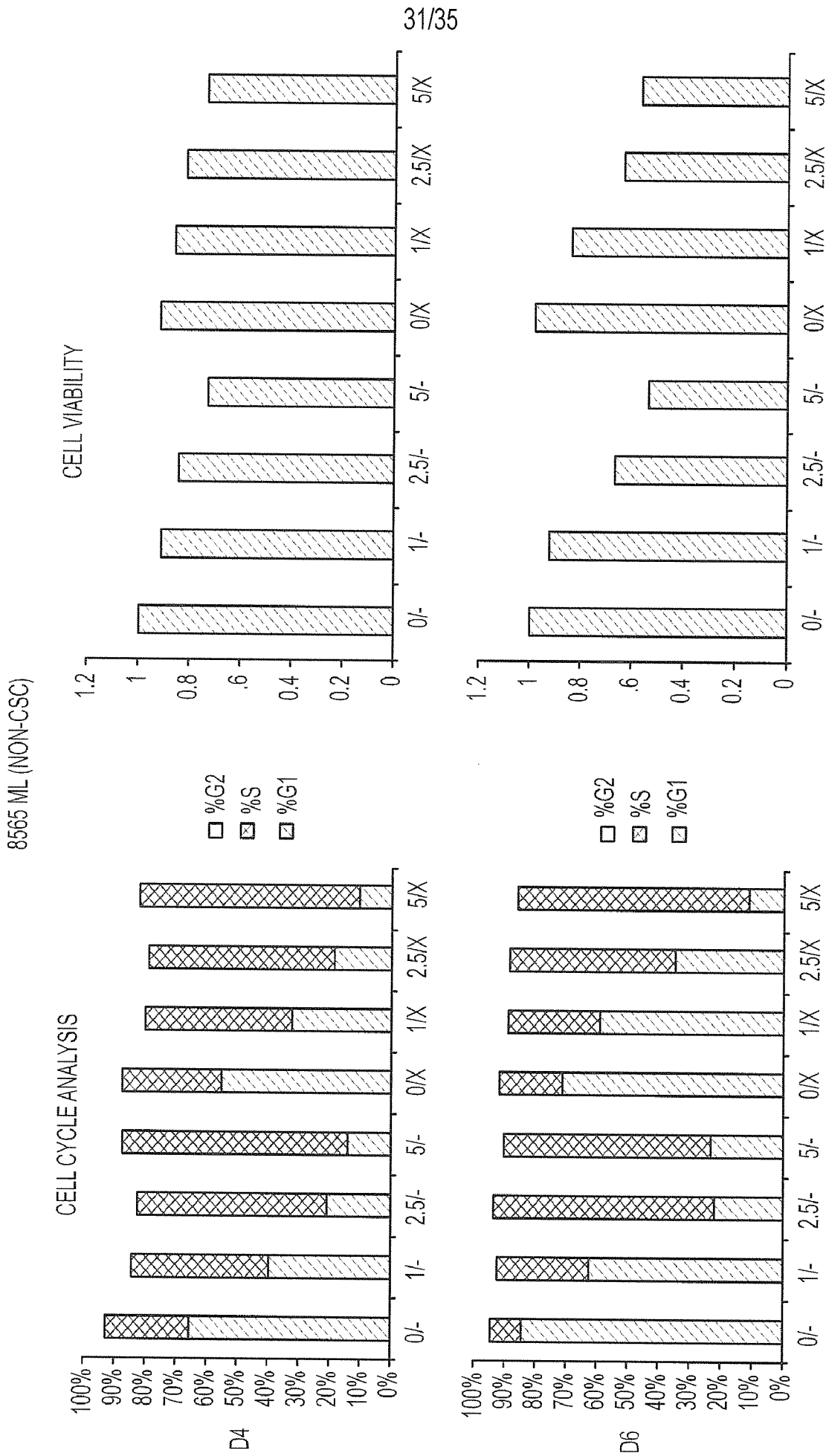


FIG. 28

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GBM CELL LINE	SF188	U251	T98G
TMZ RESISTANCE	++	+	+++
MGMT STATUS	-	-	+

MGMT
ACTIN

MGMT
ACTIN

MGMT
ACTIN

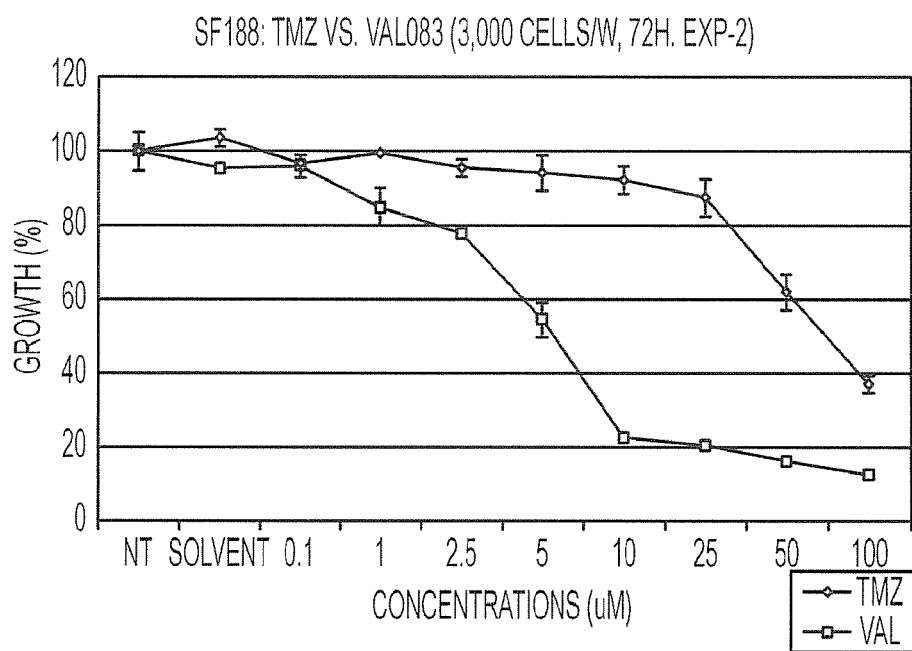


FIG. 29

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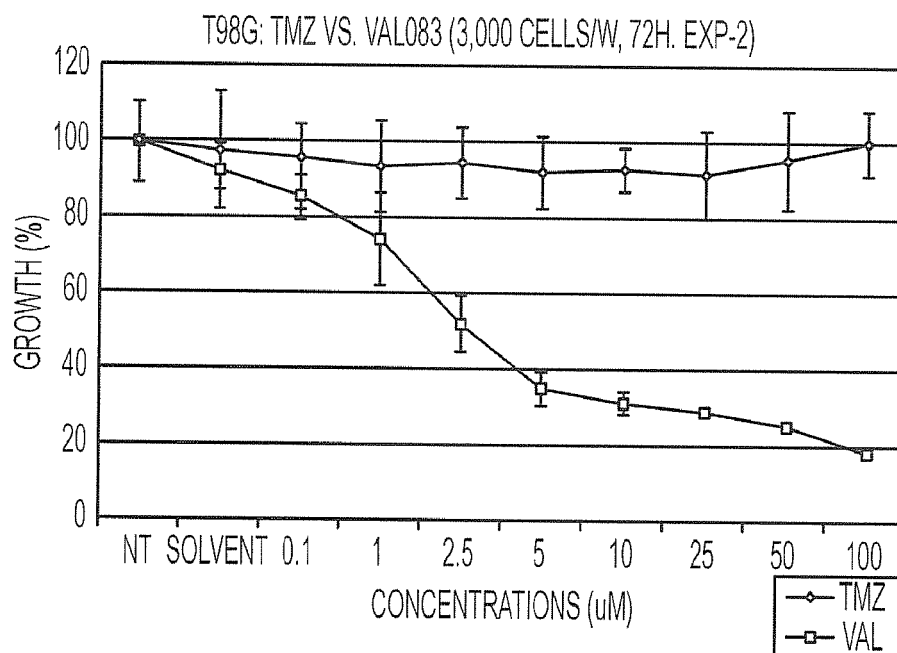
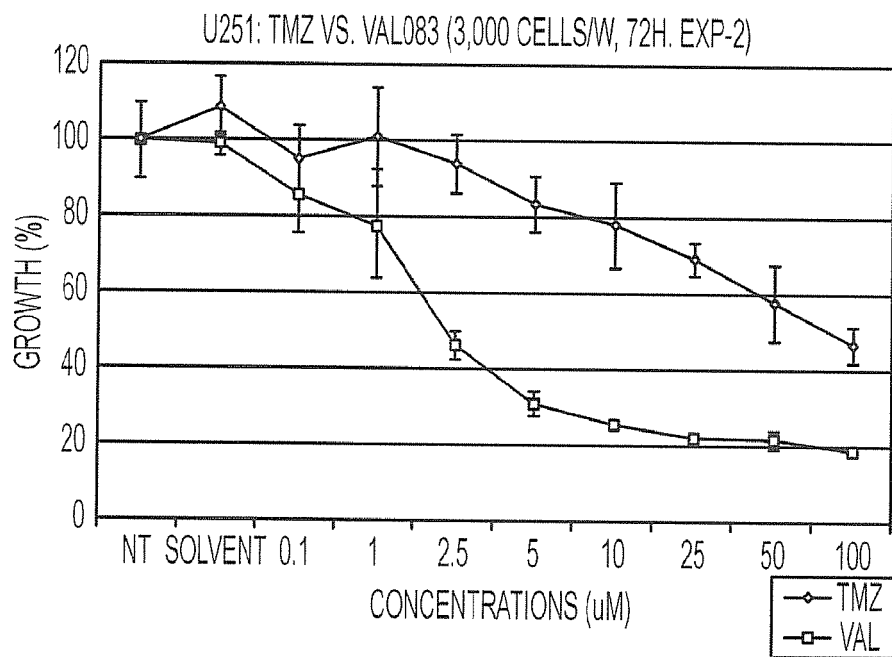


FIG. 29
CONTINUED

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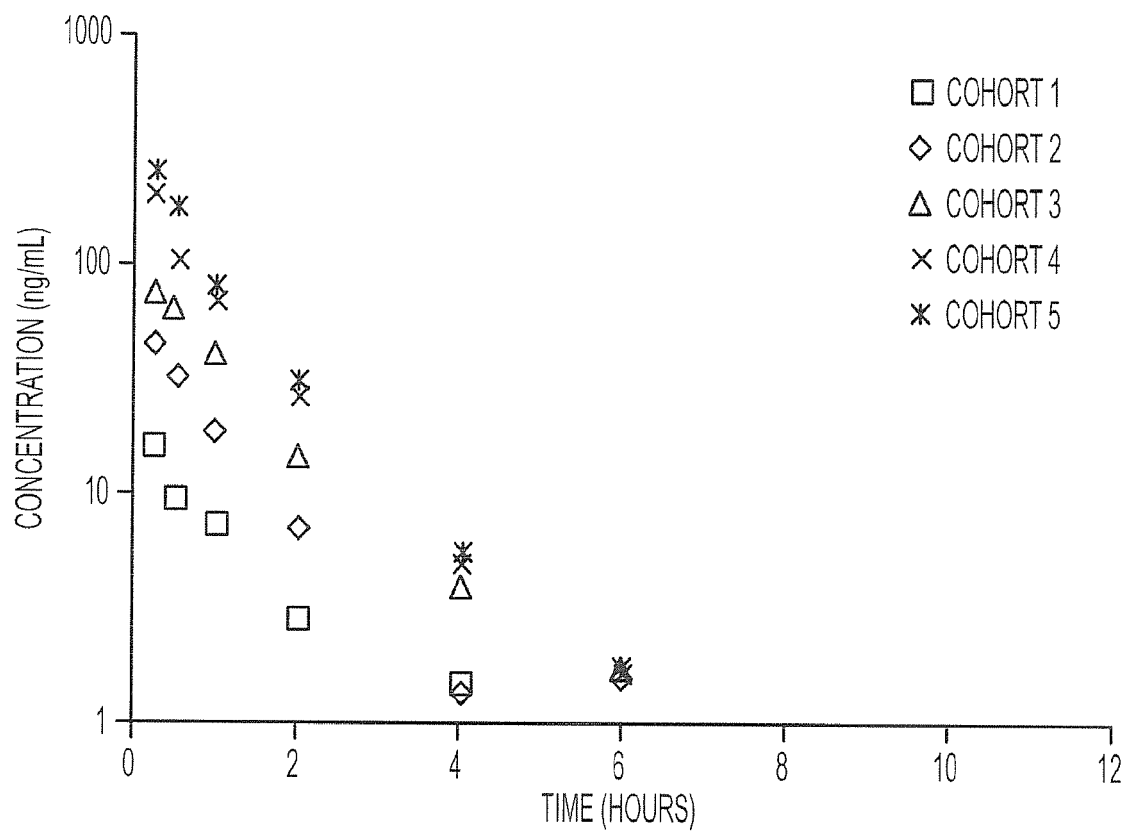


FIG. 30

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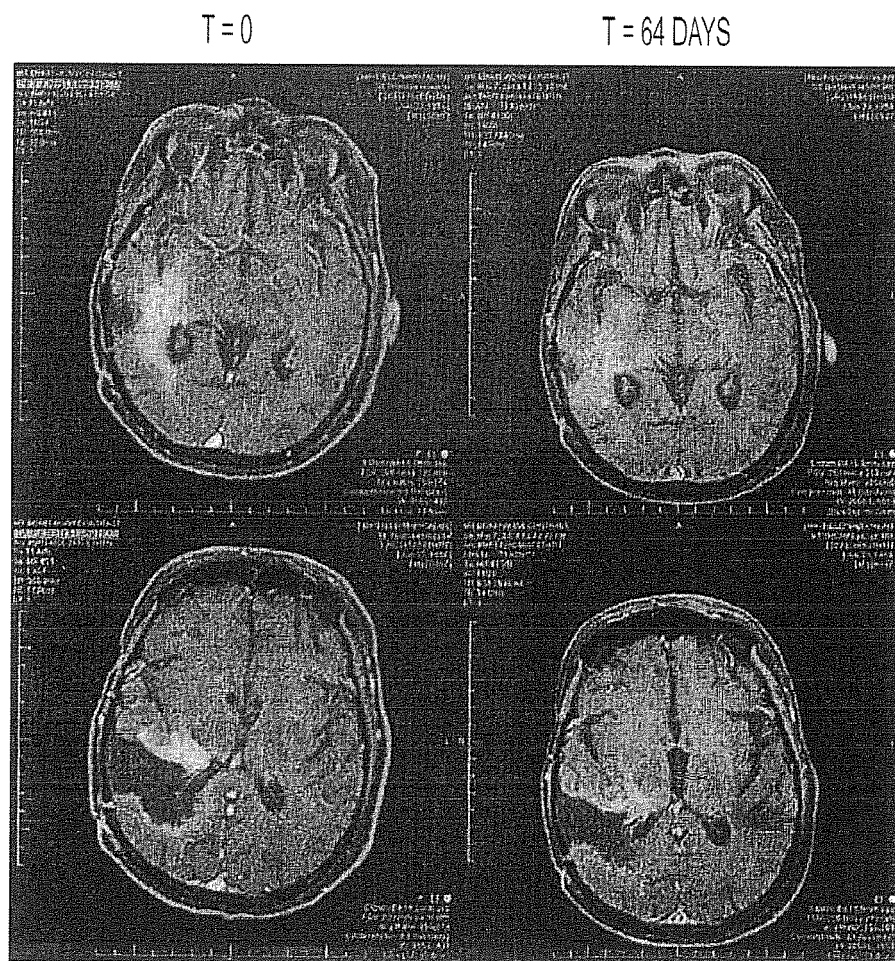


FIG. 31