

FIG. 1

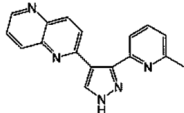
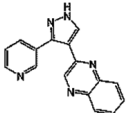
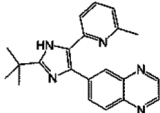
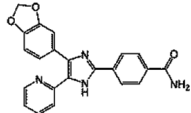
	ALK5 i II	2-(3-(Pyridin-3-yl)-1H-pyrazol-4-yl)quinoxaline	SB525334	SB431542
Chemical structural formula				
Whether to be a derivative of naphthyridine or not	Yes (1,5-Naphthyridine)	Yes (Quinoxaline)	Yes (Quinoxaline)	No (2H-1,3-Benzodioxole)
ALK5-inhibiting activity	Present	Absent	Present	Present
In silico evaluation 1. CASE Ultra	Positive	Positive	Positive	Positive
2. Derek	Negative	Negative	Negative	Negative
Ames mutagenicity	Positive	Positive	Negative	Negative

FIG. 2

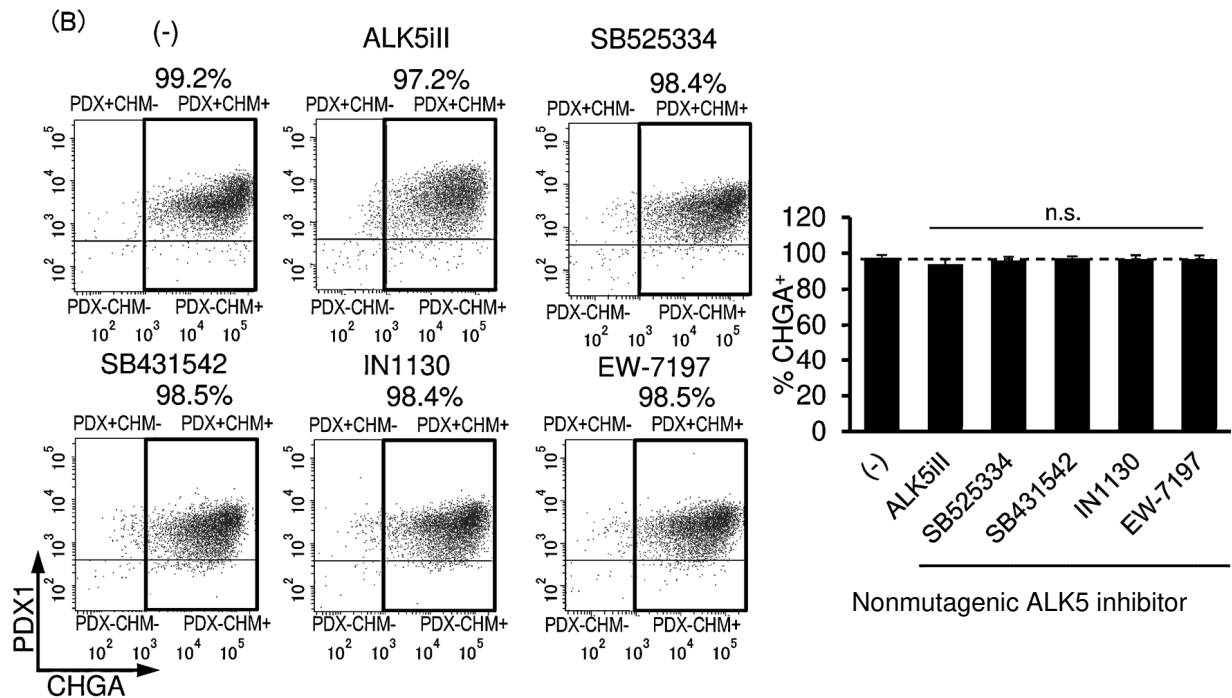
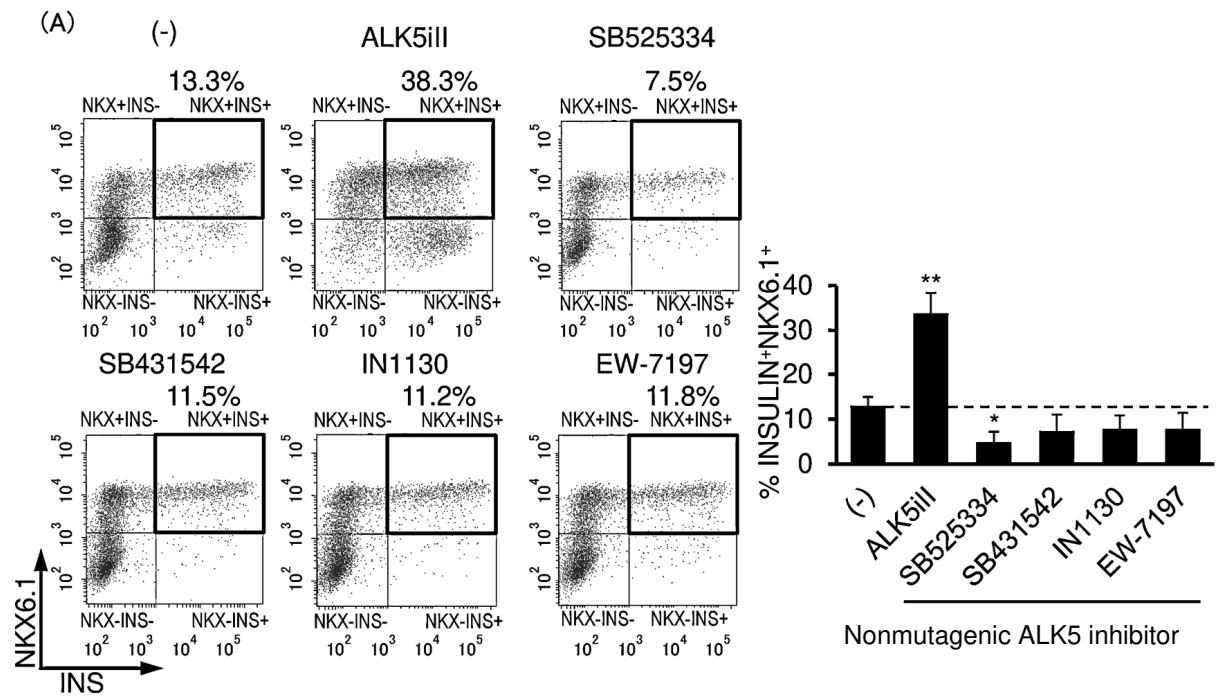


FIG. 3

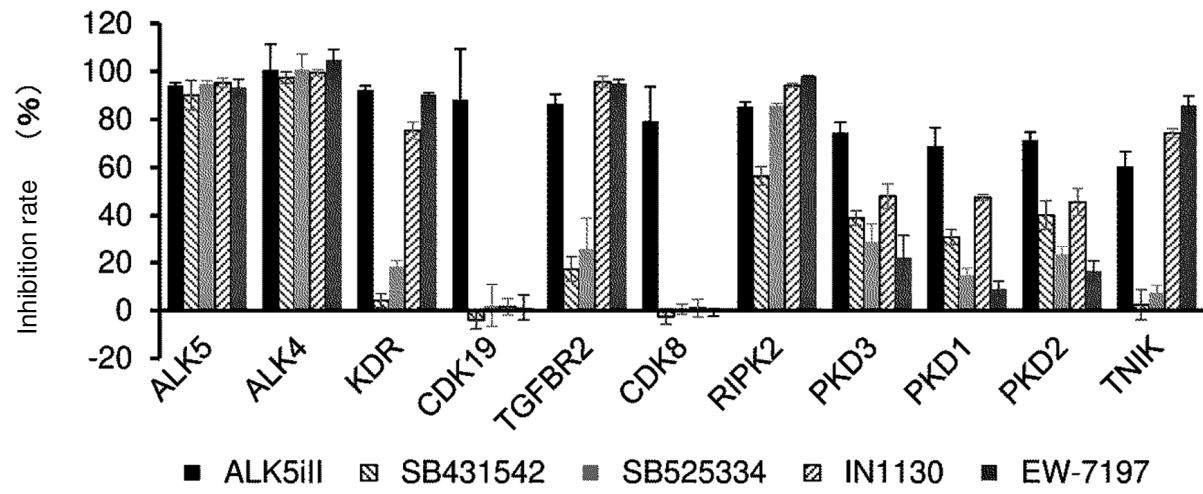


FIG. 4

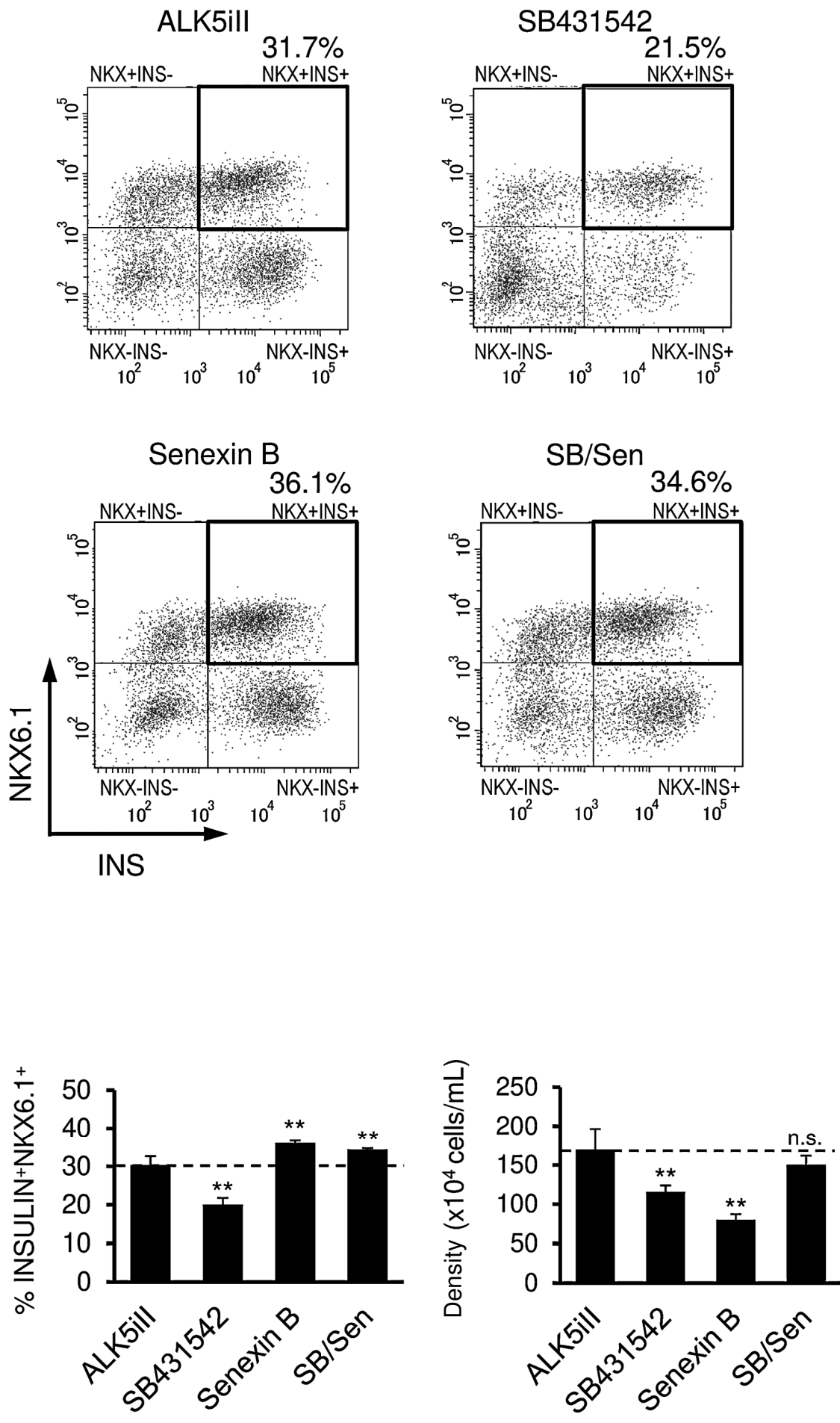


FIG. 5

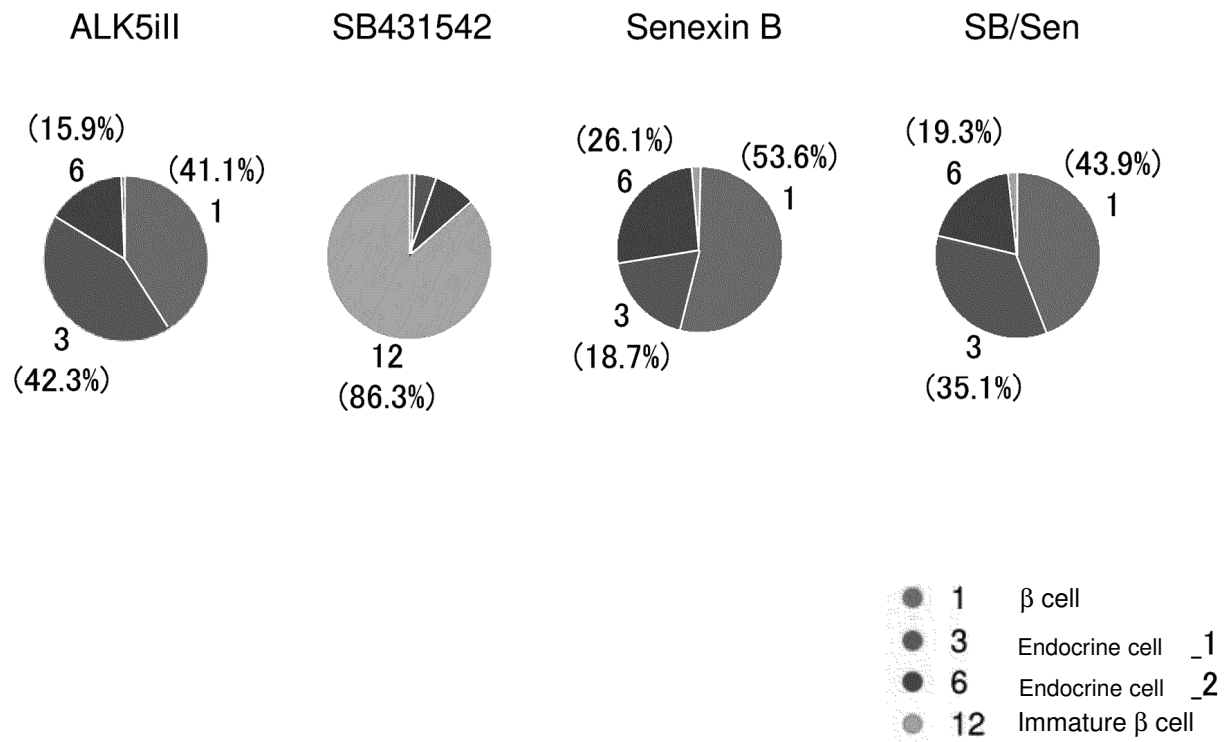


FIG. 6

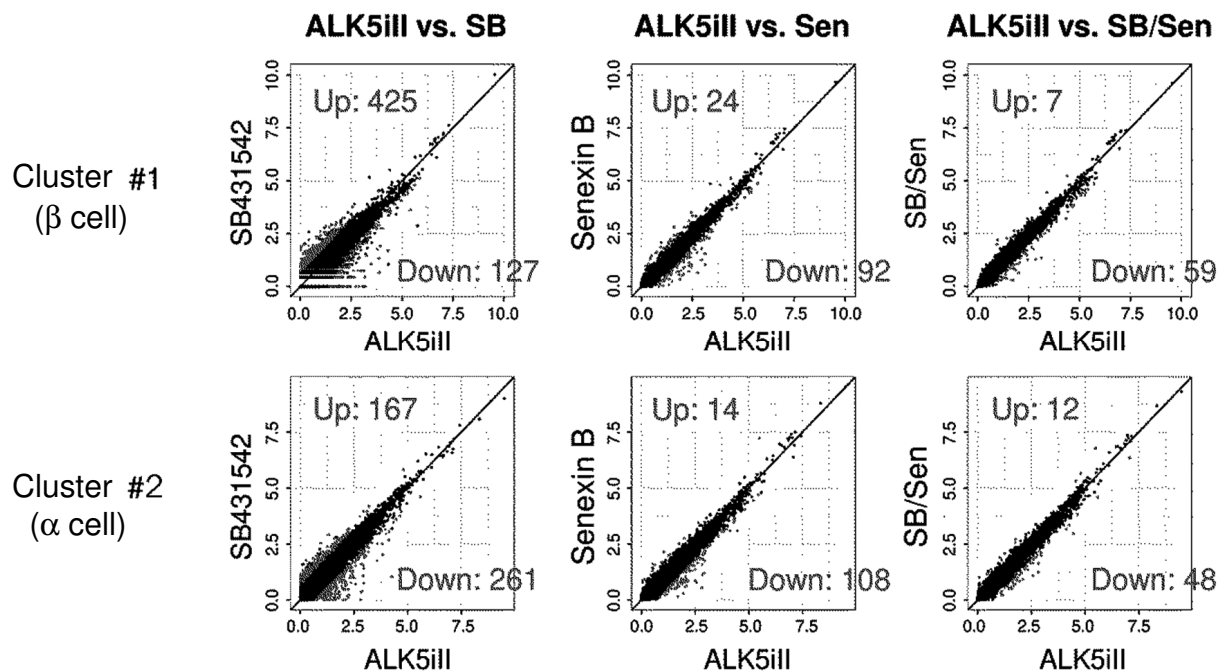


FIG. 7

