

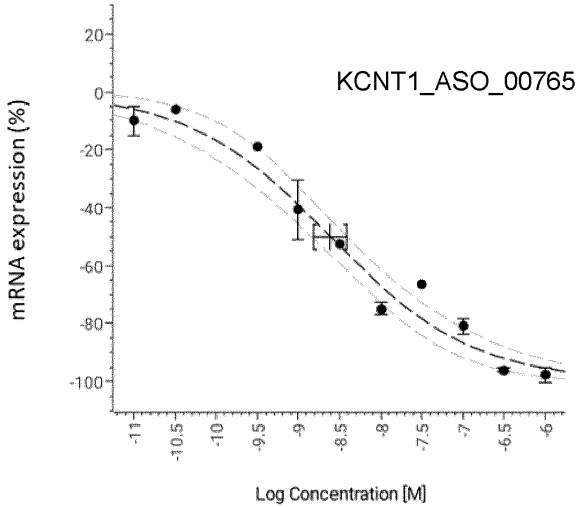
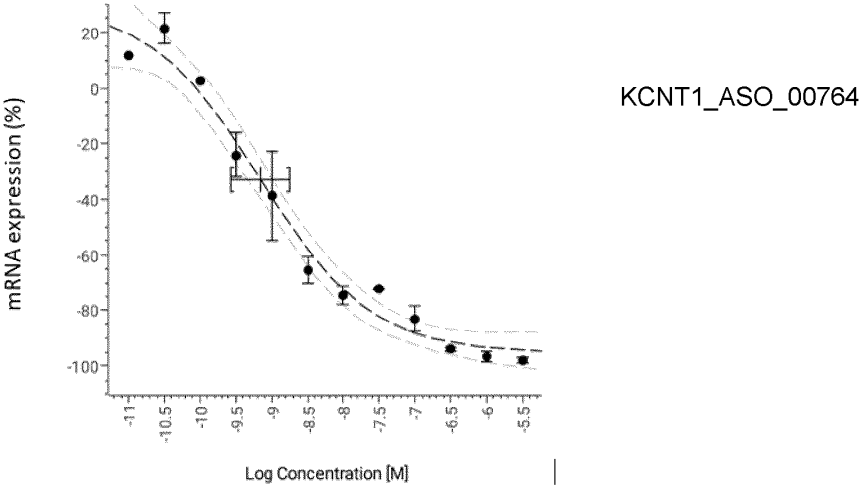


FIG. 1

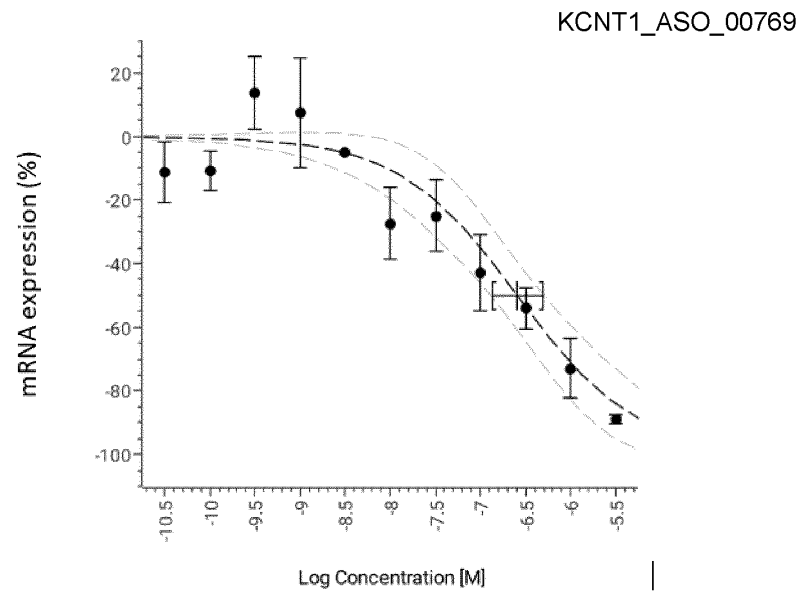
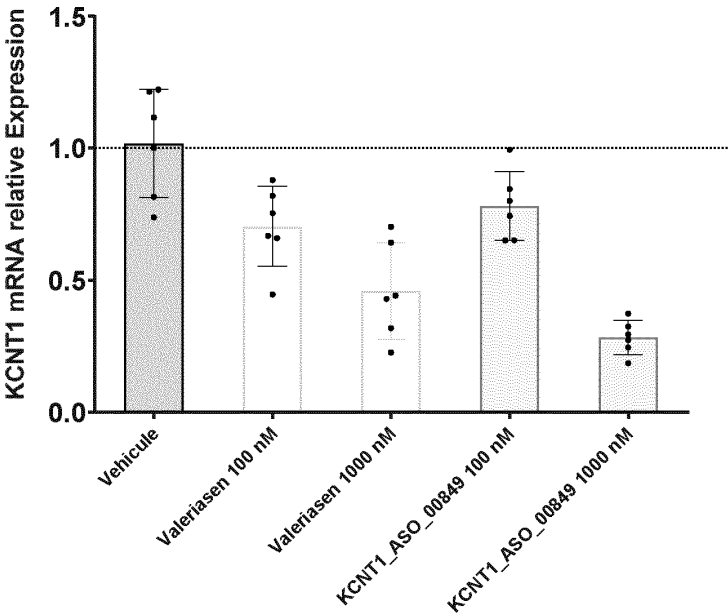


FIG. 1 (cont'd)

WT cells



P924L mutant cells

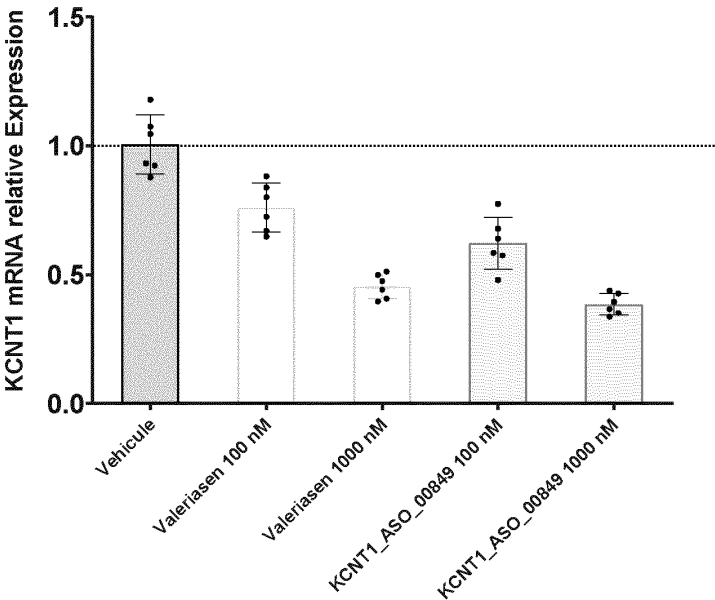


FIG. 2

Criteria	Score 0	Score 1	Score 2
Posture	No postural abnormalities	Weak postural abnormalities: slightly arched back, slightly wobbly gait.	Strong postural abnormalities: hunched back, wobbly or tiptoe gait.
Appearance	The mouse was bright, alert and responsive	Prostration, Low posture, straub tail	Paralysis/motionless
Behavior: Stereotypies/hyperactivities	No stereotypies and hyperactivity	Detectable stereotypies	Marked hyperactivity and stereotypies
Motor coordination (Movement after stimulation)	- Responds normally to stimulation - Normal movement behaviour	- Slightly reduced response to stimulation - Hypomobility	- Does not respond to stimulation - Incapacity to move
Strength/Motor coordination	Gripping the grid	Grip weakness	Lack of grip
Breathing	Normal Breathing	Accelerated/difficulties breathing	Labored breathing
Tremor/convulsions	No detectable tremor/convulsion	Few and short seizures	Repeated and continuous seizures

FIG. 3

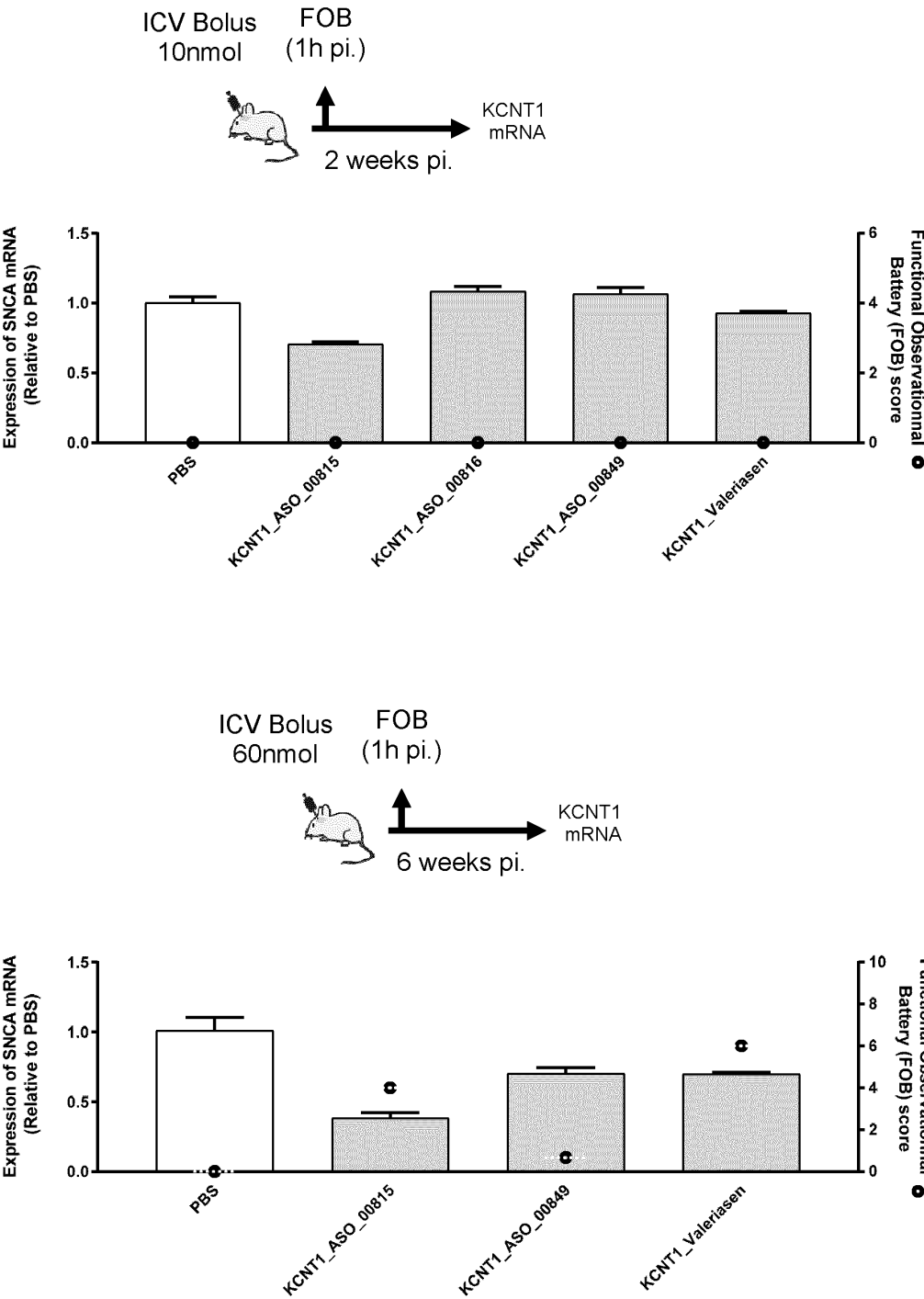


FIG. 4

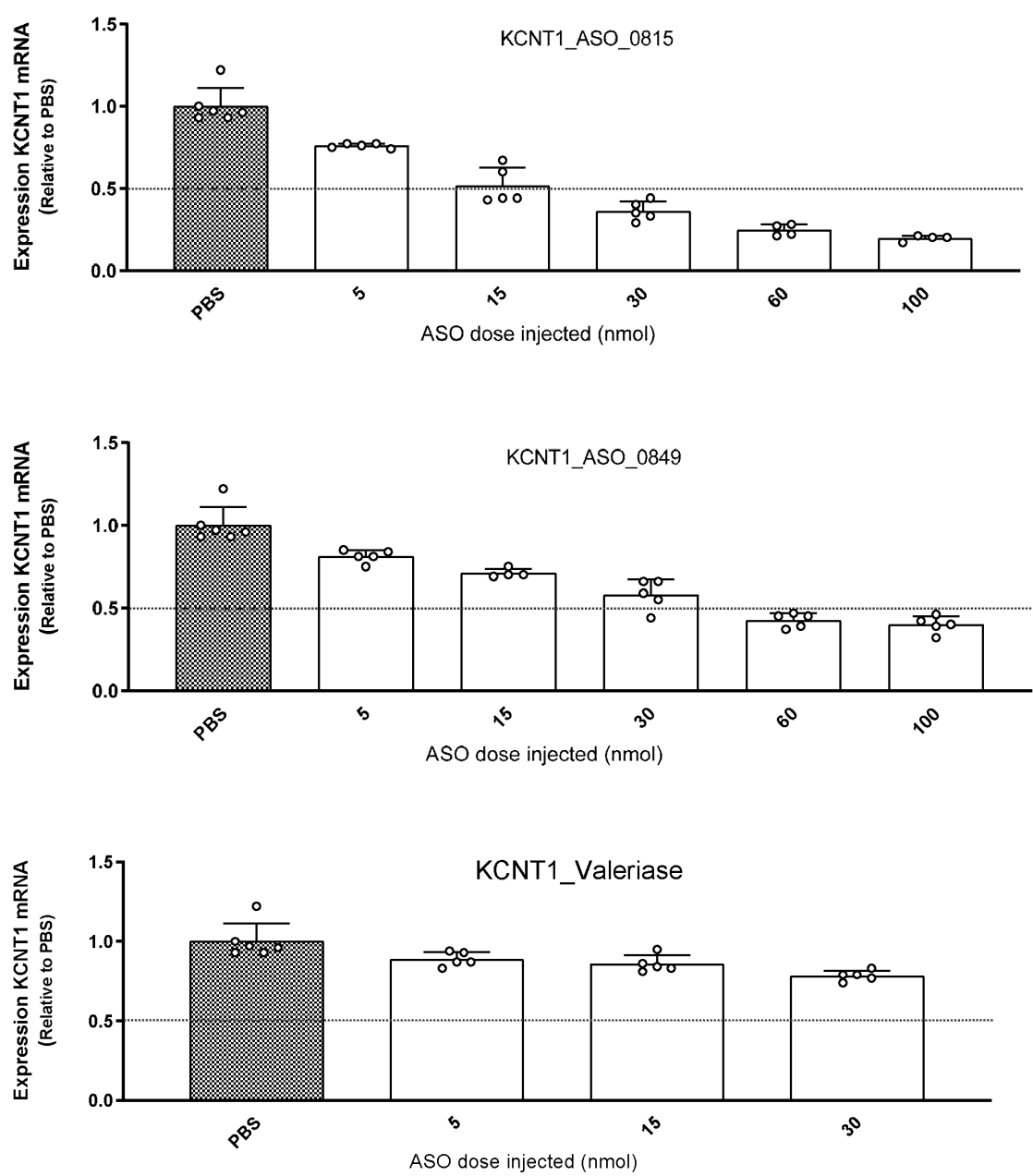


FIG. 5

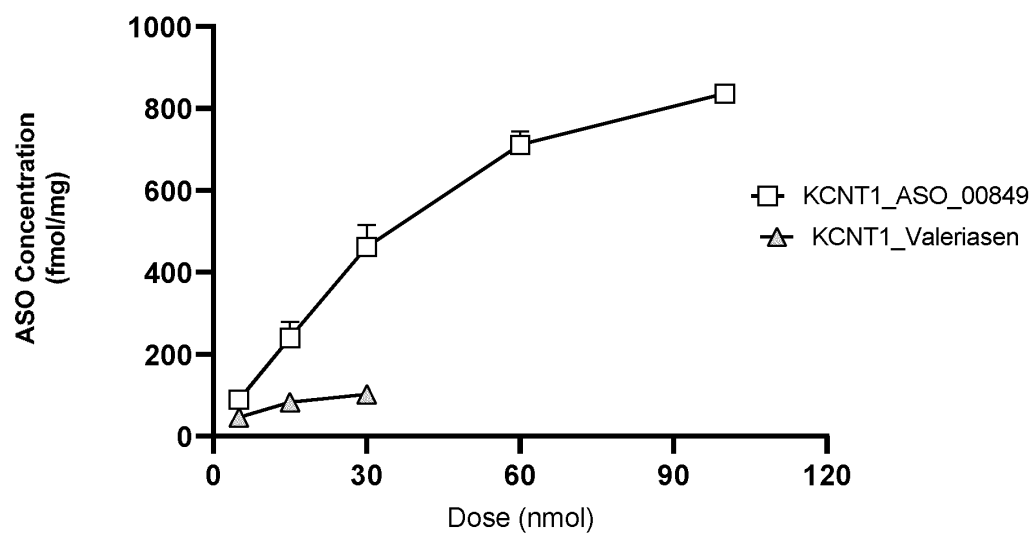


FIG. 6

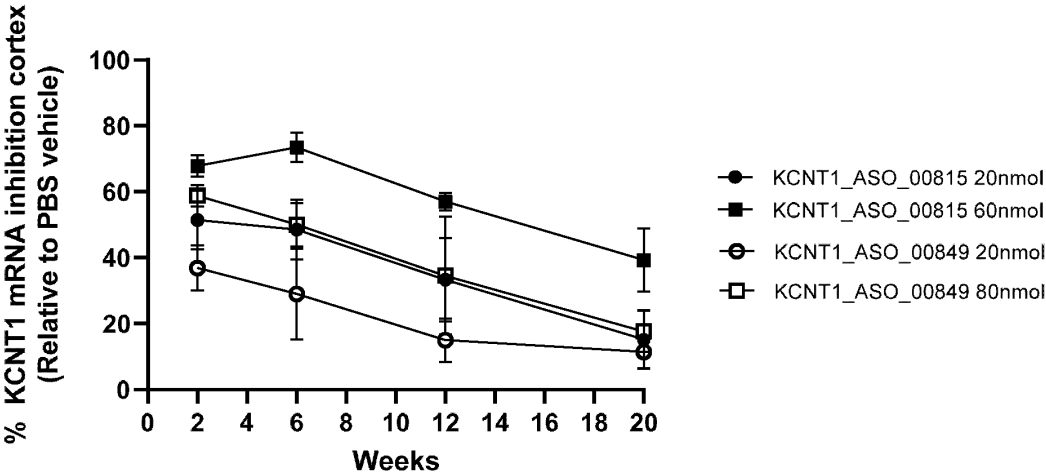


FIG. 7

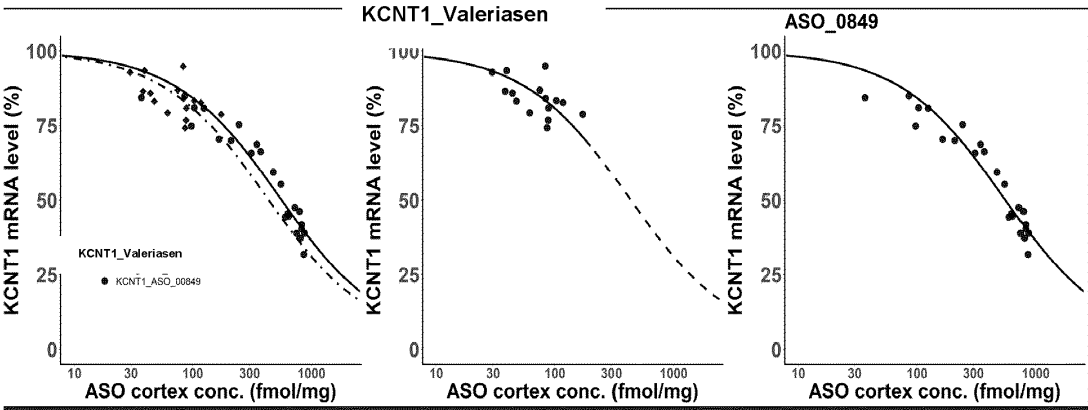


FIG. 8

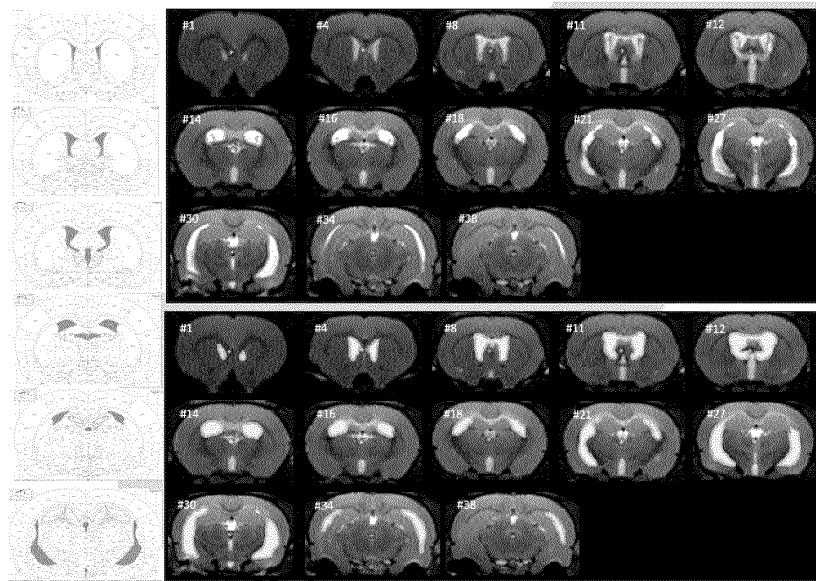


FIG. 9

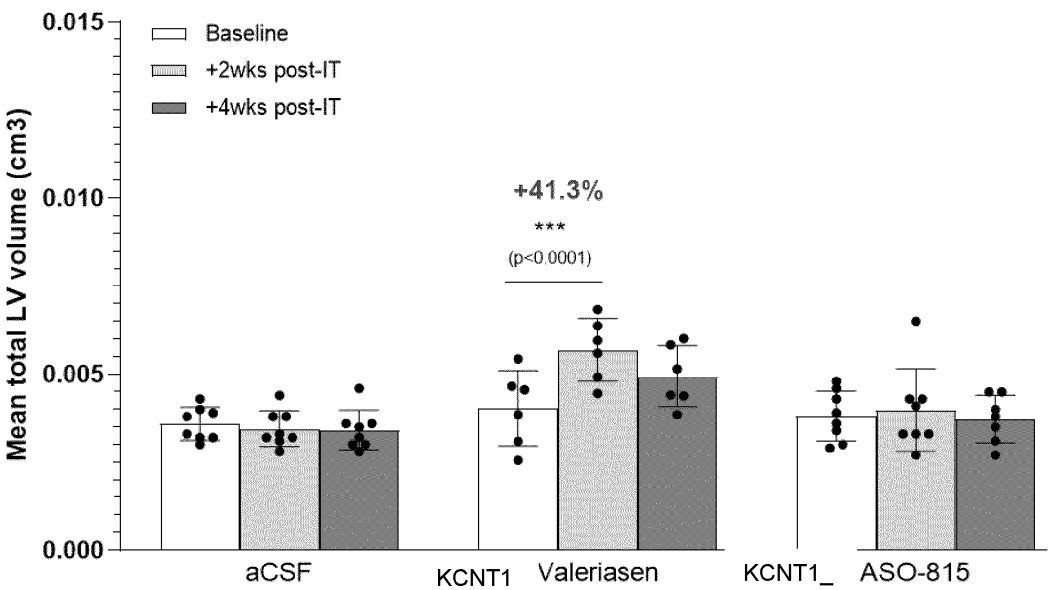


FIG. 10