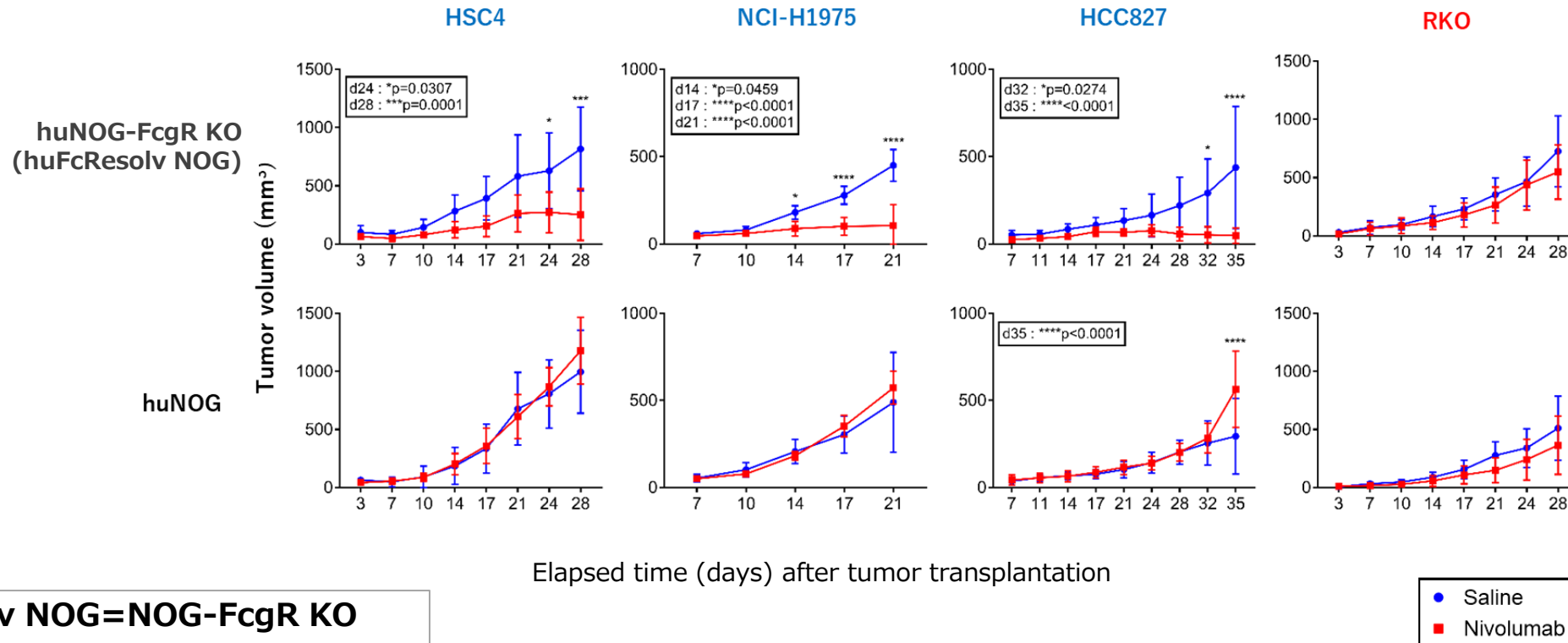


# Antitumor effect by Nivolumab Comparison of humanized NOG and humanized FcResolv NOG mouse



## FcResolv NOG=NOG-FcgR KO

Antitumor effect by Nivolumab :

- Growth of HSC4, NCI-H1975, and HCC827 cancer cell lines were strongly suppressed or rejected by treatment with Nivolumab in humanized FcResolv NOG mouse, but neither was suppressed in conventional humanized NOG mouse.

Pathological analysis by immunohistochemistry (IHC, Next page):

- HSC4, NCI-H1975, and HCC827 cancer cell lines transplanted into humanized FcResolv NOG mouse treated with Nivolumab showed enhanced infiltration of human CD4+ and CD8+ T cells, whereas the RKO cancer cell line did not increase.
- In conventional humanized NOG mouse, only a small number of human T-cell infiltrates were observed after nivolumab administration.



