

**Research Highlights**

*Papers from the literature selected by the Nature Biotechnology editors. (Follow us on Twitter, @NatureBiotech #nbtHighlight)*

**Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium**

Meehan, T.F. *et al. Nat. Genet.* [doi.org/10.1038/ng.3901](https://doi.org/10.1038/ng.3901) (2017)

**Pilot study of large-scale production of mutant pigs by ENU mutagenesis**

Hai, T. *et al. eLife* 6, e26248 (2017)

**Quantifiable predictive features define epitope-specific T cell receptor repertoires**

Dash, P. *et al. Nature* 547, 89–93 (2017)

**Identifying specificity groups in the T cell receptor repertoire**

Glanville, J. *et al. Nature* 547, 94–98 (2017)

**Massively parallel biophysical analysis of CRISPR-Cas complexes on next generation sequencing chips**

Jung, C. *et al. Cell* 170, 35–47.e13 (2017)

**The safety, immunogenicity, and acceptability of inactivated influenza vaccine delivered by microneedle patch (TIV-MNP 2015): a randomised, partly blinded, placebo-controlled, phase 1 trial**

Rouphael, N.G. *et al. Lancet* [doi:10.1016/S0140-6736\(17\)30575-5](https://doi.org/10.1016/S0140-6736(17)30575-5) (2017)