

GENETICS

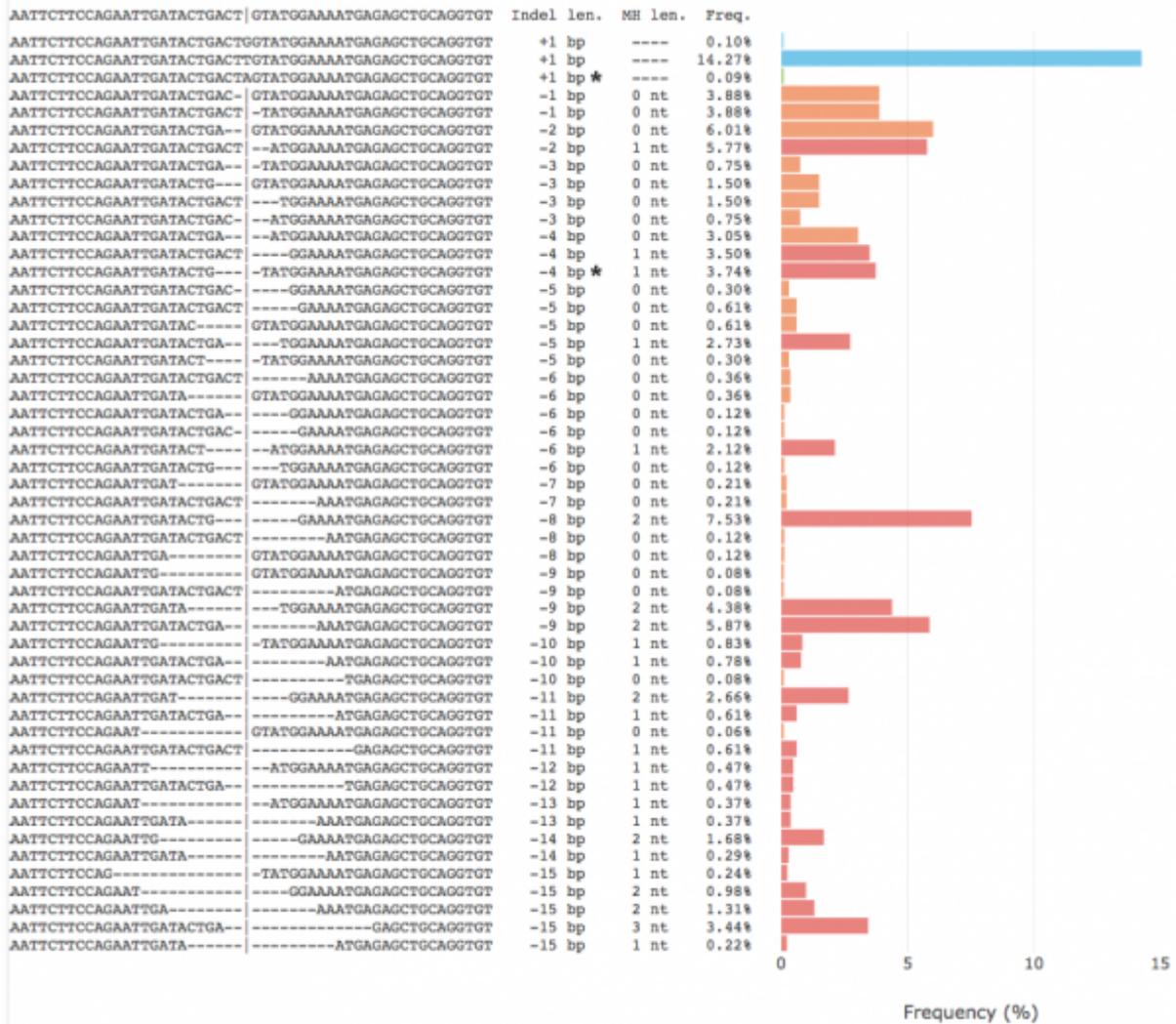
# CRISPR CAS BABIES: DOUBT ON THE SANGER SEQUENCES

27.12.2018

Using the new [inDelphi](#) ([Nature 2018](#)) prediction we can examine the gRNA guided cut used for the CRISPR Baby experiment. The results are somewhat [unexpected](#)



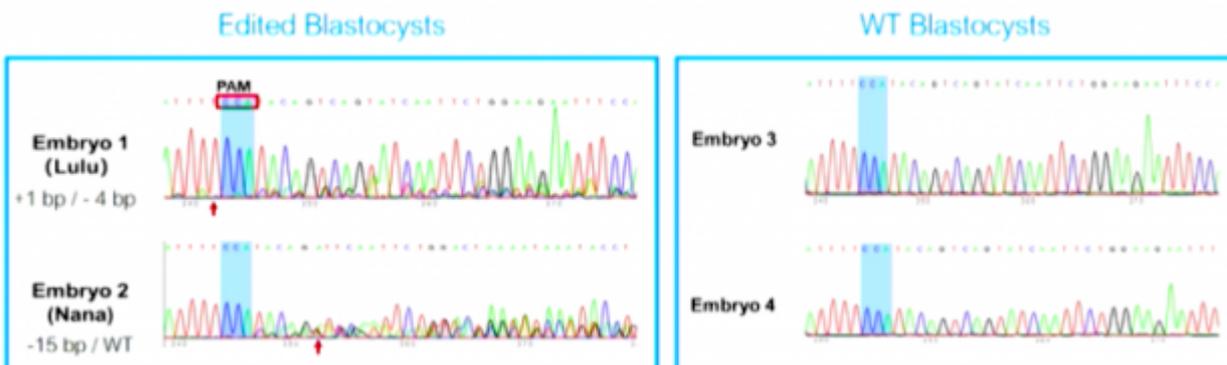
Maybe it is difficult to extrapolate from mouse to human embryonic stem cells but one observed event is not even listed here.



The results marked with a star have been observed

The -15 genotype has a probability of less than 0.05%. For +1 genotype the probability is 0.09% and for the -4 deletion it is 3.74%.

Looking therefore again at the Hong Kong slides of He Jiankui, I am getting doubts if the chromatogram of embryo 2 is correct interpreted even if we admit that the labels of embryo 1 and 2 have been switched..



Color enhanced + sharpened version Hong Kong slide. Unfortunately the chromatograms do not expand to the

*left also.*

Embryo 2 does not show [a clean](#) sequence at all and certainly not a -4/+1 genotype as indicated. The sequence “ATTTTCCATACAG-ATTCAATTCTGGACTAAAATAAATACCT” isn’t even a human sequence at all.

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