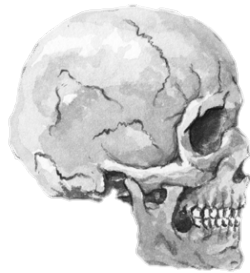# Gene expression under human self-domestication: an *in silico* exploration of modern human high-frequency variants

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Introduction

Homo sapiens

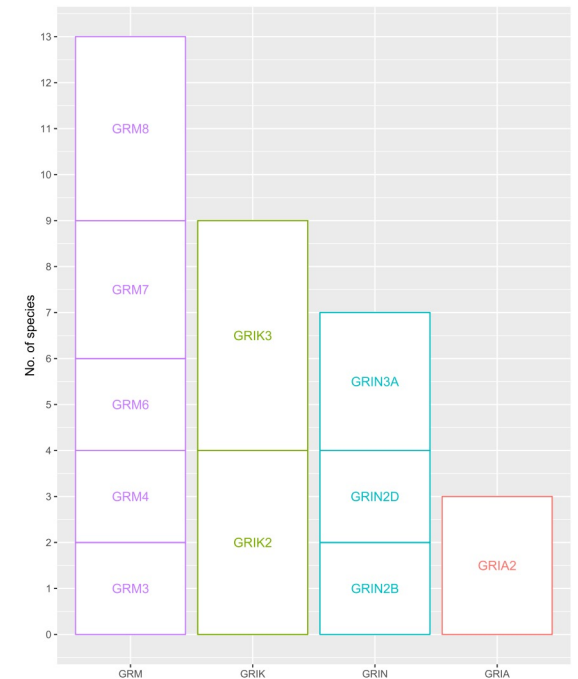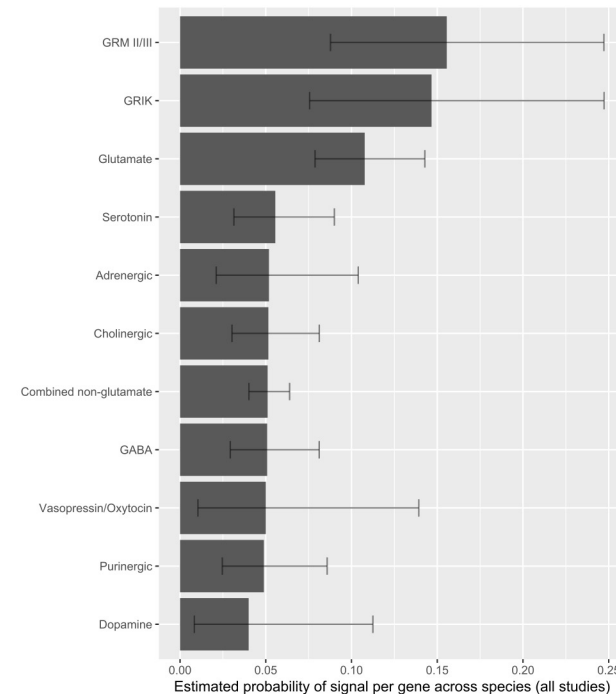*Homo neanderthalensis*

Canis lupus familiaris

Canis lupus lupus

Differences:

- Braincase shape & size
- Browridge
- Nasal bone
- Tooth size
- Jaw progression

(adapted from Theofanopoulou et al. 2017, *PLoS ONE*)

(O'Rourke & Boeckx 2020, *Neurosci. Biobehav. Rev*.)

Hypothesis
-

Methods
- Gene expression values per high-freq/fixed variant (ExPecto)
- Genes in glut. signaling pathway (based on GO categories)
- Tissues: blabla out of 228 in ExPecto

Discussion
- Main interpretation of results
- Main conclusion

Results

GRAPH WITH RESULTS

References & further info: [maybe a github link with code, refs, more text, extra figs.]