

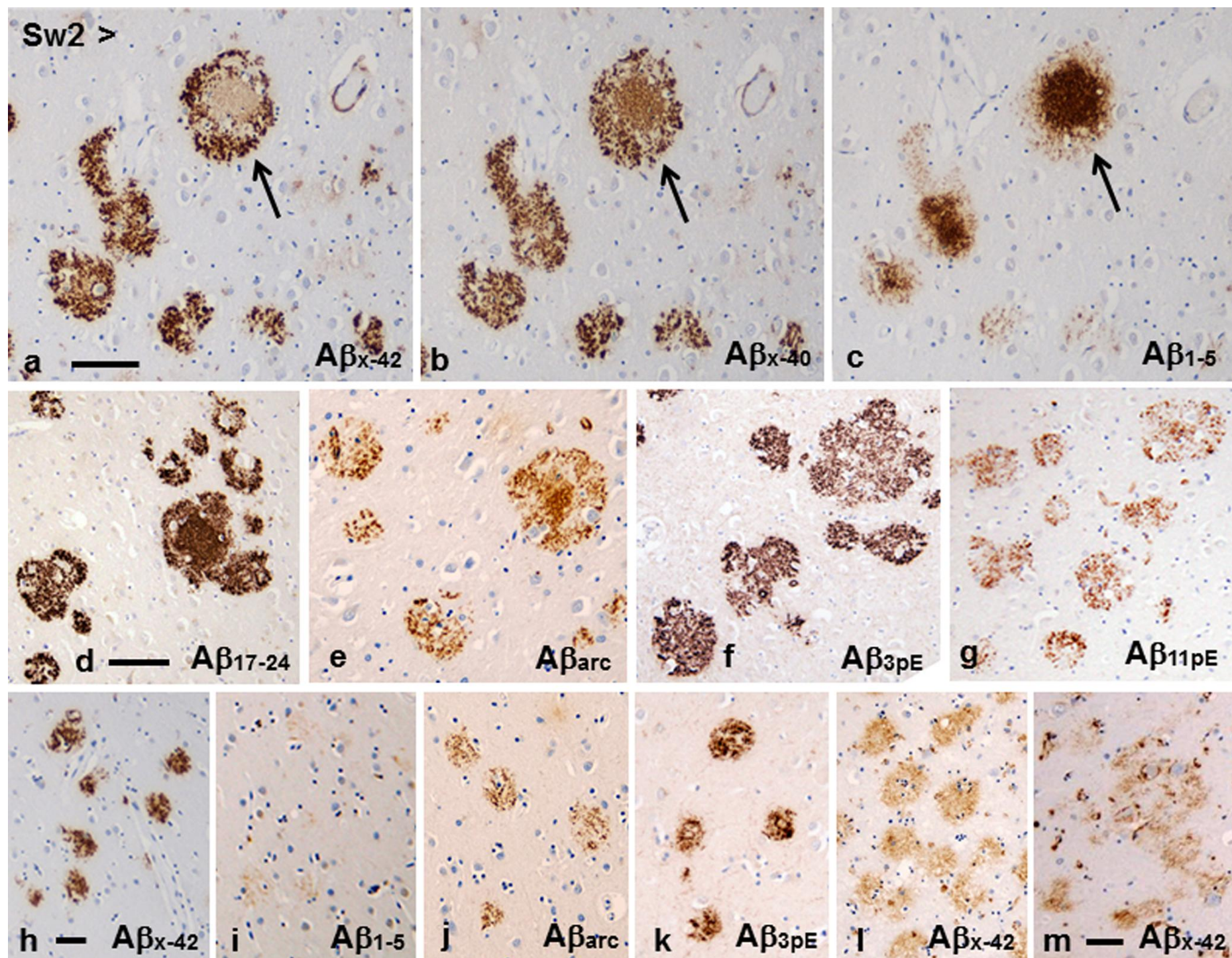
Title: The *Arctic APP* mutation leads to Alzheimer's disease pathology with highly variable topographic deposition of differentially truncated A β

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Suppl. Fig. 4 a-g: A β -plaques in Swe2 patient's claustrum show similar targetoid pattern as in neocortex (**a-c** consecutive sections). **a:** With abA β_{x-42} dark corona and pale centre. **b:** With abA β_{x-40} fair staining of both centre and corona. **c:** With abA β_{1-5} dark centre and pale corona. **d:** Mid-domain abA β_{17-24} stains strongly both centre and corona. **e:** Specific abA β_{arc} gives similar pattern as abA β_{17-24} , though with much lesser intensity. **f** and **g:** Plaques comprise of both A β_{3pE} and A β_{11pE} , though less of the latter. **h-k:** Plaques in Sw2 patient's putamen are small and diffusely stained. The most intense stainings are seen with abA β_{x-42} , abA β_{arc} and abA β_{3pE} (**h, j** and **k**) suggesting an abundance of A β with pyroglutamate-modified N-termini, which is consistent with the virtually negative abA β_{1-5} staining (**i**). **l:** In Sw2 patient's amygdala plaques are similar as in putamen but more numerous. **m:** In Sw2 patient's thalamus the plaques are ragged and weakly stained. (*bar in a* 100 μ m for **a-c**; *bar in d* 100 μ m for **d-g**; *bar in h* 50 μ m for **h-l**; *bar in m* 50 μ m)