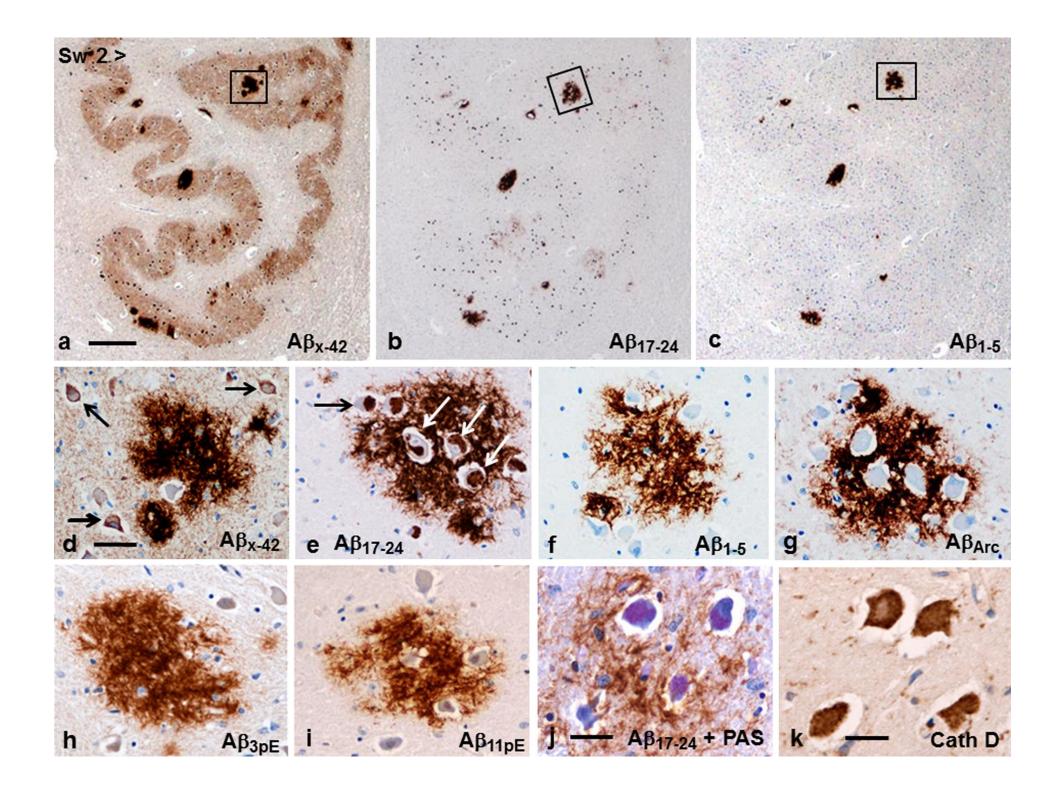
Title: The *Arctic APP* mutation leads to Alzheimer's disease pathology with highly variable topographic deposition of differentially truncated $A\beta$

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Suppl. Fig. 5 a-k: Sw2 patient's medulla. A few compact plaques are positive with C-terminal (**a**), mid-domain (**b**) and N-terminal antibodies (**c**). Remarkably, $abA\beta_{x-42}$ renders the neuropil in inferior olivary nucleus distinctly positive (**a** and **d**), whereas with the other antibodies it is negative (**b**, **c** and **e-i**). Both $abA\beta_{x-42}$ and $abA\beta_{17-24}$, (**d** and **e**; arrows), but not the rest of A β antibodies applied (**f-i**), stain granular inclusions in the cytoplasm of seemingly well preserved olivary neurons within and adjacent to plaques. The neuronal inclusions also stain with PAS (**j**) and an antibody to lysosomal cathepsin D (**k**). (*bar* in **a** 350 µm for **a-c**; *bar* in **d** 50 µm for **d-i**; *bar* in **j** 25 µm; *bar* in **k** 30 µm)