

**Figure S21.** Stimulation effects in vPul (current strength 100  $\mu$ A). **(A)** Activation maps on the inflated cortical surface, lateral view. **(B)** Same maps in the volume space, coronal sections (2 mm spacing). **(C)** Zoomed in sections through the thalamus (1 mm spacing). L – left, R – right, S – superior, I – inferior, y - distance from AC-PC origin along the anterior/posterior plane in mm.