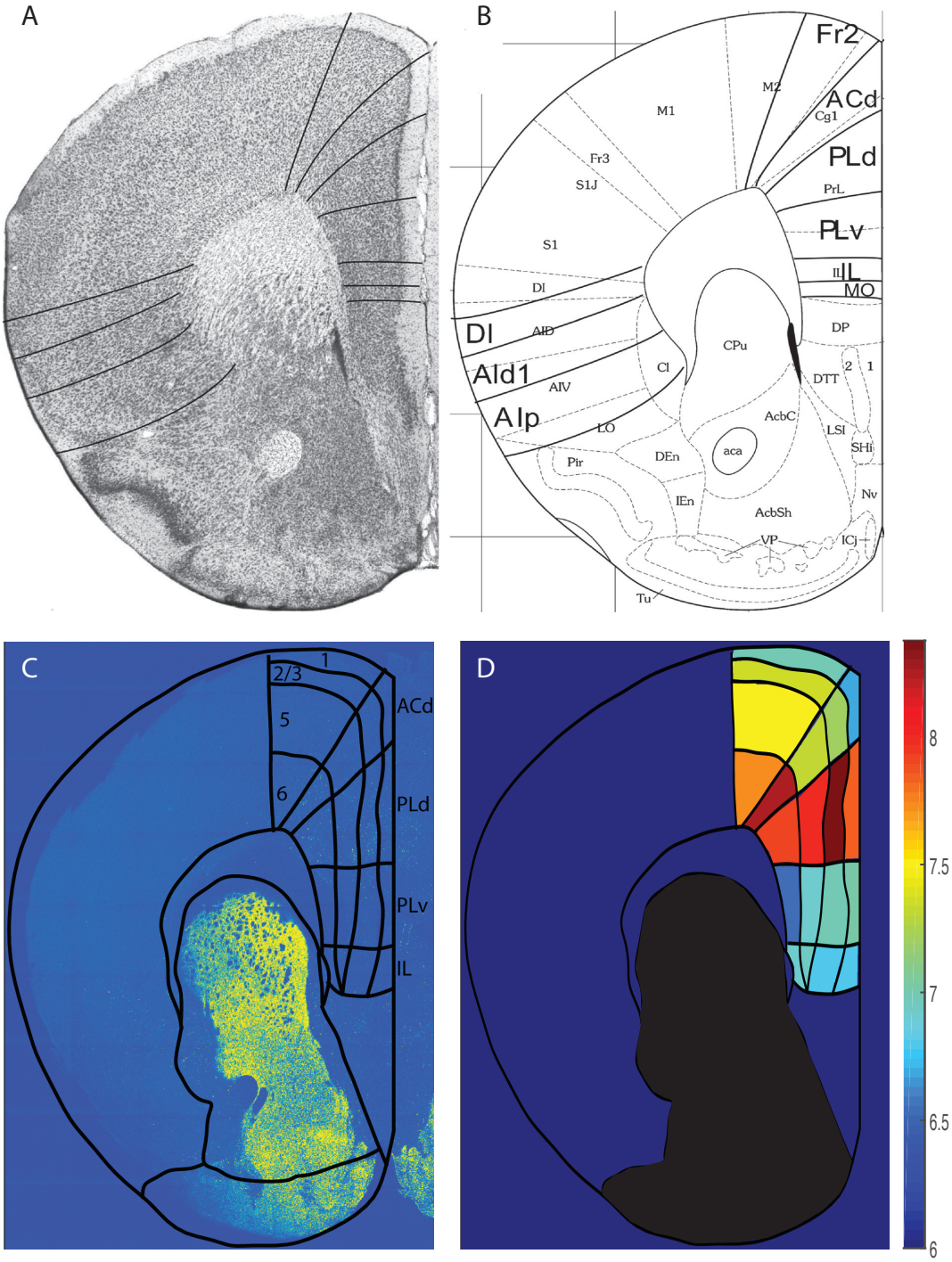

Fig.1 DAergic innervation of prefrontal cortex

(A) light micrograph Nissl stained image of PFC, with boundaries identified using anatomical landmarks and marked in (B). (C) Tiled confocal image of a coronal section of a DATcre mouse expressing ChR2-EYFP in DAT+ve neurons. The image was mapped onto the above atlas as described by Van de Werd et al. 2010 and 2014, to delineate PFC subregions and layer boundaries. (D) intensity of DA innervation (in arbitrary units) throught PFC. Note that the nucleus accumbens and striatum were excluded from analyses to prevent masking of the PFC DA projection. A and B were adapted from Figure 6 of Van de Werd et al. (2014).