

**Supplemental Table 2: Abbreviation list of the cortical areas in the mouse brain
(Allen Reference Atlas, Dong, 2007, Wiley)**

Abbreviation	Anatomical Region
ACAd	Anterior cingulate area, dorsal part
ACAv	Anterior cingulate area, ventral part
AH	Ammon's Horn
AId	Agranular insular area, dorsal part
AIp	Agranular insular area, posterior part
AIv	Agranular insular area, ventral part
AMY	Amygdala
AUDd	Dorsal auditory area
AUDp	Primary auditory area
AUDpo	Posterior auditory area
AUDv	Ventral auditory area
DP	Dorsal peduncular area
ECT	Ectorhinal area
ENTl	Entorhinal cortex, lateral part
ENTm	Entorhinal cortex, medial part
FRP	Frontal pole, cerebral cortex
GU	Gustatory area
HPF	Hippocampal formation
ILA	Infralimbic area
MOB	Main olfactory bulb
MOp-ll	Primary somatomotor area, lower limb domain
MOp-orf	Primary somatomotor area, orofaciopharyngeal domain
MOp-ul	Primary somatomotor area, upper limb domain
MOp-w	Primary somatomotor area, whisker domain
MOs-c	Secondary somatomotor area, caudal domain
MOs-fef	Secondary somatomotor area, frontal eye field
MOs-rd	Secondary somatomotor area, rostr dorsolateral domain (upper limb)
MOs-rdl	Secondary somatomotor area, rostr dorsolateral domain (orofaciopharyngeal)
MOs-rdm	Secondary somatomotor area, rostr dorsomedial domain (lower limb and trunk)
ORBl	Orbital area, lateral part
ORBv	Orbital area, ventral part
ORBvl	Orbital area, ventrolateral part
ORBm	Orbital area, medial part
PERI	Perirhinal area
PFC	Prefrontal cortex
PFCdl	Prefrontal cortex, dorsolateral division
PFCvm	Prefrontal cortex, ventromedial division
PL	Prelimbic area
PTLp	Posterior parietal association area
RSPagl	Retrosplenial area, lateral agranular part

RSPd	Retrosplenial area, dorsal part
RSPv	Retrosplenial area, ventral part
SSp-bfd	Primary somatosensory area, barrel field
SSp-bfd.al	Primary somatosensory area, barrel field, anterolateral domain
SSp-bfd.cm	Primary somatosensory area, barrel field, caudomedial domain
SSp-ll	Primary somatosensory area, lower limb domain
SSp-m	Primary somatosensory area, mouth domain
SSp-n	Primary somatosensory area, nose domain
SSp-tr	Primary somatosensory area, trunk domain
SSp-ul	Primary somatosensory area, upper limb domain
SSs-r	Supplementary somatosensory area, rostral domain
SSs-cd	Supplementary somatosensory area, caudodorsal domain
SSs-cv	Supplementary somatosensory area, caudoventral domain
SUB	Subiculum
SUBd	Dorsal subiculum
TEa	Temporal association areas
VISal	Anterolateral visual area
VISam	Anteromedial visual area
VISl	Lateral visual area
VISp	Primary visual area
VISpl	Posterolateral visual area
VISpm	Posteromedial visual area