

Table S1. Cell sampling per region, Related to Figure 1.

Number of cells sampled for SMART-Seq and 10x platforms, with full names and abbreviations for each region.

Region Abbreviation	Structure	Sub-structure abbreviation	10x Cells	SMART-Seq Cells	Region Name
ACA	CTX (isocortex)	CTX	58988	5099	Anterior cingulate area
AI	CTX (isocortex)	CTX	52428	1528	Agranular insular area
ALM	CTX (isocortex)	CTX	NA	9667	Anterolateral motor cortex (part of MOs)
AUD	CTX (isocortex)	CTX	71705	1489	Auditory areas
ENT	HPF (hippocampal formation)	ENT	62308	NA	Entorhinal area
ENTI	HPF (hippocampal formation)	ENT	NA	1594	Entorhinal area (lateral part)
ENTm	HPF (hippocampal formation)	ENT	NA	1564	Entorhinal area (medial part)
GU-VISC-Alp	CTX (isocortex)	CTX	NA	1482	Gustatory areas, visceral area, agranular insular area (posterior part)
HIP	HPF (hippocampal formation)	HIP	82535	6564	Hippocampal region
MOp	CTX (isocortex)	CTX	123727	6588	Primary motor area
MOs-FRP	CTX (isocortex)	CTX	34331	NA	Secondary motor area, frontal pole
ORB	CTX (isocortex)	CTX	NA	1453	Orbital area
PAR-POST-PRE	HPF (hippocampal formation)	PPP (PAR-POST-PRE)	NA	1584	Parasubiculum, postsubiculum, presubiculum
PAR-POST-PRE-SUB-ProS	HPF (hippocampal formation)	PPP-SP (PAR-POST-PRE-SUB-ProS)	51473	NA	Parasubiculum, postsubiculum, presubiculum, subiculum, prosubiculum
PL-ILA	CTX (isocortex)	CTX	NA	1472	Prelimbic area, Infralimbic area
PL-ILA-ORB	CTX (isocortex)	CTX	71017	NA	Prelimbic area, Infralimbic area, orbital area
PTLp	CTX (isocortex)	CTX	27333	1540	Posterior parietal association areas
RSP	CTX (isocortex)	CTX	65710	1757	Retrosplenial area
RSPv	CTX (isocortex)	CTX	NA	298	Retrosplenial area (ventral part) (retro-seq only)
SSp	CTX (isocortex)	CTX	81050	5665	Primary somatosensory area
SSs	CTX (isocortex)	CTX	NA	1866	Supplemental somatosensory area
SSs-GU-VISC-Alp	CTX (isocortex)	CTX	47094	NA	Supplemental somatosensory area, gustatory areas, visceral area, agranular insular area (posterior part)
SUB-ProS	HPF (hippocampal formation)	SUB	NA	1609	Subiculum, prosubiculum
TEa-PERIECT	CTX (isocortex)	TPE (TEa-PERIECT)	59747	1585	Temporal association areas, perirhinal area, entorhinal area
VIS	CTX (isocortex)	CTX	214496	NA	Visual areas
VISpl-VISpor	CTX (isocortex)	CTX	NA	1120	Posterolateral visual area, postrhinal area
VISl-VISal-VISli	CTX (isocortex)	CTX	NA	1133	Lateral visual area, anterolateral visual area, laterointermediate area
VISam-VISpm	CTX (isocortex)	CTX	NA	1133	Anteromedial visual area, posteromedial visual area
VISl	CTX (isocortex)	CTX	18814	NA	Lateral visual areas
VISm	CTX (isocortex)	CTX	18200	NA	Medial visual areas
VISp	CTX (isocortex)	CTX	29763	15572	Primary visual area