

| Lobe | Gyrus | Left and Right Hemisphere | Label ID.L | Label ID.R | Modified Cyto-architectonic | lh.MNI(X,Y,Z) | rh.MNI(X,Y,Z) |
|---------------|--|---------------------------|------------|------------|---|---------------|---------------|
| Frontal Lobe | SFG, Superior Frontal Gyrus | SFG_L(R)_7_1 | 1 | 2 | A8m, medial area 8 | -5, 15, 54 | 7, 16, 54 |
| | | SFG_L(R)_7_2 | 3 | 4 | A8dl, dorsolateral area 8 | -18, 24, 53 | 22, 26, 51 |
| | | SFG_L(R)_7_3 | 5 | 6 | A9l, lateral area 9 | -11, 49, 40 | 13, 48, 40 |
| | | SFG_L(R)_7_4 | 7 | 8 | A6dl, dorsolateral area 6 | -18, -1, 65 | 20, 4, 64 |
| | | SFG_L(R)_7_5 | 9 | 10 | A6m, medial area 6 | -6, -5, 58 | 7, -4, 60 |
| | | SFG_L(R)_7_6 | 11 | 12 | A9m,medial area 9 | -5, 36, 38 | 6, 38, 35 |
| | | SFG_L(R)_7_7 | 13 | 14 | A10m, medial area 10 | -8, 56, 15 | 8, 58, 13 |
| | MFG, Middle Frontal Gyrus | MFG_L(R)_7_1 | 15 | 16 | A9/46d, dorsal area 9/46 | -27, 43, 31 | 30, 37, 36 |
| | | MFG_L(R)_7_2 | 17 | 18 | IFJ, inferior frontal junction | -42, 13, 36 | 42, 11, 39 |
| | | MFG_L(R)_7_3 | 19 | 20 | A46, area 46 | -28, 56, 12 | 28, 55, 17 |
| | | MFG_L(R)_7_4 | 21 | 22 | A9/46v, ventral area 9/46 | -41, 41, 16 | 42, 44, 14 |
| | | MFG_L(R)_7_5 | 23 | 24 | A8vl, ventrolateral area 8 | -33, 23, 45 | 42, 27, 39 |
| | | MFG_L(R)_7_6 | 25 | 26 | A6vl, ventrolateral area 6 | -32, 4, 55 | 34, 8, 54 |
| | | MFG_L(R)_7_7 | 27 | 28 | A10l, lateral area10 | -26, 60, -6 | 25, 61, -4 |
| | IFG, Inferior Frontal Gyrus | IFG_L(R)_6_1 | 29 | 30 | A44d,dorsal area 44 | -46, 13, 24 | 45, 16, 25 |
| | | IFG_L(R)_6_2 | 31 | 32 | IFS, inferior frontal sulcus | -47, 32, 14 | 48, 35, 13 |
| | | IFG_L(R)_6_3 | 33 | 34 | A45c, caudal area 45 | -53, 23, 11 | 54, 24, 12 |
| | | IFG_L(R)_6_4 | 35 | 36 | A45r, rostral area 45 | -49, 36, -3 | 51, 36, -1 |
| | | IFG_L(R)_6_5 | 37 | 38 | A44op, opercular area 44 | -39, 23, 4 | 42, 22, 3 |
| | | IFG_L(R)_6_6 | 39 | 40 | A44v, ventral area 44 | -52, 13, 6 | 54, 14, 11 |
| | OrG, Orbital Gyrus | OrG_L(R)_6_1 | 41 | 42 | A14m, medial area 14 | -7, 54, -7 | 6, 47, -7 |
| | | OrG_L(R)_6_2 | 43 | 44 | A12/47o, orbital area 12/47 | -36, 33, -16 | 40, 39, -14 |
| | | OrG_L(R)_6_3 | 45 | 46 | A11l, lateral area 11 | -23, 38, -18 | 23, 36, -18 |
| | | OrG_L(R)_6_4 | 47 | 48 | A11m, medial area 11 | -6, 52, -19 | 6, 57, -16 |
| | | OrG_L(R)_6_5 | 49 | 50 | A13, area 13 | -10, 18, -19 | 9, 20, -19 |
| | | OrG_L(R)_6_6 | 51 | 52 | A12/47l, lateral area 12/47 | -41, 32, -9 | 42, 31, -9 |
| | PrG, Precentral Gyrus | PrG_L(R)_6_1 | 53 | 54 | A4hf, area 4(head and face region) | -49, -8, 39 | 55, -2, 33 |
| | | PrG_L(R)_6_2 | 55 | 56 | A6cdl, caudal dorsolateral area 6 | -32, -9, 58 | 33, -7, 57 |
| | | PrG_L(R)_6_3 | 57 | 58 | A4ul, area 4(upper limb region) | -26, -25, 63 | 34, -19, 59 |
| | | PrG_L(R)_6_4 | 59 | 60 | A4t, area 4(trunk region) | -13, -20, 73 | 15, -22, 71 |
| | | PrG_L(R)_6_5 | 61 | 62 | A4tl, area 4(tongue and larynx region) | -52, 0, 8 | 54, 4, 9 |
| | | PrG_L(R)_6_6 | 63 | 64 | A6cvl, caudal ventrolateral area 6 | -49, 5, 30 | 51, 7, 30 |
| | PCL, Paracentral Lobule | PCL_L(R)_2_1 | 65 | 66 | A1/2/3ll, area1/2/3 (lower limb region) | -8, -38, 58 | 10, -34, 54 |
| | | PCL_L(R)_2_2 | 67 | 68 | A4ll, area 4, (lower limb region) | -4, -23, 61 | 5, -21, 61 |
| Temporal Lobe | STG, Superior Temporal Gyrus | STG_L(R)_6_1 | 69 | 70 | A38m, medial area 38 | -32, 14, -34 | 31, 15, -34 |
| | | STG_L(R)_6_2 | 71 | 72 | A41/42, area 41/42 | -54, -32, 12 | 54, -24, 11 |
| | | STG_L(R)_6_3 | 73 | 74 | TE1.0 and TE1.2 | -50, -11, 1 | 51, -4, -1 |
| | | STG_L(R)_6_4 | 75 | 76 | A22c, caudal area 22 | -62, -33, 7 | 66, -20, 6 |
| | | STG_L(R)_6_5 | 77 | 78 | A38l, lateral area 38 | -45, 11, -20 | 47, 12, -20 |
| | | STG_L(R)_6_6 | 79 | 80 | A22r, rostral area 22 | -55, -3, -10 | 56, -12, -5 |
| | MTG, Middle Temporal Gyrus | MTG_L(R)_4_1 | 81 | 82 | A21c, caudal area 21 | -65, -30, -12 | 65, -29, -13 |
| | | MTG_L(R)_4_2 | 83 | 84 | A21r, rostral area 21 | -53, 2, -30 | 51, 6, -32 |
| | | MTG_L(R)_4_3 | 85 | 86 | A37dl, dorsolateral area37 | -59, -58, 4 | 60, -53, 3 |
| | | MTG_L(R)_4_4 | 87 | 88 | aSTS, anterior superior temporal sulcus | -58, -20, -9 | 58, -16, -10 |
| | ITG, Inferior Temporal Gyrus | ITG_L(R)_7_1 | 89 | 90 | A20iv, intermediate ventral area 20 | -45, -26, -27 | 46, -14, -33 |
| | | ITG_L(R)_7_2 | 91 | 92 | A37elv, extreme lateroventral area37 | -51, -57, -15 | 53, -52, -18 |
| | | ITG_L(R)_7_3 | 93 | 94 | A20r, rostral area 20 | -43, -2, -41 | 40, 0, -43 |
| | | ITG_L(R)_7_4 | 95 | 96 | A20il, intermediate lateral area 20 | -56, -16, -28 | 55, -11, -32 |
| | | ITG_L(R)_7_5 | 97 | 98 | A37vl, ventrolateral area 37 | -55, -60, -6 | 54, -57, -8 |
| | | ITG_L(R)_7_6 | 99 | 100 | A20cl, caudolateral of area 20 | -59, -42, -16 | 61, -40, -17 |
| | | ITG_L(R)_7_7 | 101 | 102 | A20cv, caudoventral of area 20 | -55, -31, -27 | 54, -31, -26 |
| | FuG, Fusiform Gyrus | FuG_L(R)_3_1 | 103 | 104 | A20rv, rostroventral area 20 | -33, -16, -32 | 33, -15, -34 |
| | | FuG_L(R)_3_2 | 105 | 106 | A37mv, medioventral area37 | -31, -64, -14 | 31, -62, -14 |
| | | FuG_L(R)_3_3 | 107 | 108 | A37lv, lateroventral area37 | -42, -51, -17 | 43, -49, -19 |
| | PhG, Parahippocampal Gyrus | PhG_L(R)_6_1 | 109 | 110 | A35/36r, rostral area 35/36 | -27, -7, -34 | 28, -8, -33 |
| | | PhG_L(R)_6_2 | 111 | 112 | A35/36c, caudal area 35/36 | -25, -25, -26 | 26, -23, -27 |
| | | PhG_L(R)_6_3 | 113 | 114 | TL, area TL (lateral PPHC, posterior parahippocampal gyrus) | -28, -32, -18 | 30, -30, -18 |
| | | PhG_L(R)_6_4 | 115 | 116 | A28/34, area 28/34 (EC, entorhinal cortex) | -19, -12, -30 | 19, -10, -30 |
| | | PhG_L(R)_6_5 | 117 | 118 | TI, area TI(temporal agranular insular cortex) | -23, 2, -32 | 22, 1, -36 |
| | pSTS, posterior Superior Temporal Sulcus | PhG_L(R)_6_6 | 119 | 120 | TH, area TH (medial PPHC) | -17, -39, -10 | 19, -36, -11 |
| | | pSTS_L(R)_2_1 | 121 | 122 | rpSTS, rostroposterior superior temporal sulcus | -54, -40, 4 | 53, -37, 3 |
| | | pSTS_L(R)_2_2 | 123 | 124 | cpSTS, caudoposterior superior temporal sulcus | -52, -50, 11 | 57, -40, 12 |
| Parietal Lobe | SPL, Superior Parietal Lobule | SPL_L(R)_5_1 | 125 | 126 | A7r, rostral area 7 | -16, -60, 63 | 19, -57, 65 |
| | | SPL_L(R)_5_2 | 127 | 128 | A7c, caudal area 7 | -15, -71, 52 | 19, -69, 54 |
| | | SPL_L(R)_5_3 | 129 | 130 | A5l, lateral area 5 | -33, -47, 50 | 35, -42, 54 |

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|--------------------|--------------------------------------|----------------|-----|-----|---|---------------|--------------|
| | IPL, Inferior Parietal Lobule | SPL_L(R)_5_4 | 131 | 132 | <i>A7pc, postcentral area 7</i> | -22, -47, 65 | 23, -43, 67 |
| | | SPL_L(R)_5_5 | 133 | 134 | <i>A7ip, intraparietal area 7(hIP3)</i> | -27, -59, 54 | 31, -54, 53 |
| | | IPL_L(R)_6_1 | 135 | 136 | <i>A39c, caudal area 39(PGp)</i> | -34, -80, 29 | 45, -71, 20 |
| | | IPL_L(R)_6_2 | 137 | 138 | <i>A39rd, rostromedial area 39(Hip3)</i> | -38, -61, 46 | 39, -65, 44 |
| | | IPL_L(R)_6_3 | 139 | 140 | <i>A40rd, rostromedial area 40(PFt)</i> | -51, -33, 42 | 47, -35, 45 |
| | | IPL_L(R)_6_4 | 141 | 142 | <i>A40c, caudal area 40(PFm)</i> | -56, -49, 38 | 57, -44, 38 |
| | | IPL_L(R)_6_5 | 143 | 144 | <i>A39rv, rostroventral area 39(PGa)</i> | -47, -65, 26 | 53, -54, 25 |
| | | IPL_L(R)_6_6 | 145 | 146 | <i>A40rv, rostroventral area 40(PFop)</i> | -53, -31, 23 | 55, -26, 26 |
| | Pcun, Precuneus | PCun_L(R)_4_1 | 147 | 148 | <i>A7m, medial area 7(PEp)</i> | -5, -63, 51 | 6, -65, 51 |
| | | PCun_L(R)_4_2 | 149 | 150 | <i>A5m, medial area 5(PEm)</i> | -8, -47, 57 | 7, -47, 58 |
| | | PCun_L(R)_4_3 | 151 | 152 | <i>dmPOS, dorsomedial parietooccipital sulcus(PEr)</i> | -12, -67, 25 | 16, -64, 25 |
| | PoG, Postcentral Gyrus | PCun_L(R)_4_4 | 153 | 154 | <i>A31, area 31 (Lc1)</i> | -6, -55, 34 | 6, -54, 35 |
| | | PoG_L(R)_4_1 | 155 | 156 | <i>A1/2/3ulhf, area 1/2/3(upper limb, head and face region)</i> | -50, -16, 43 | 50, -14, 44 |
| | | PoG_L(R)_4_2 | 157 | 158 | <i>A1/2/3tonla, area 1/2/3(tongue and larynx region)</i> | -56, -14, 16 | 56, -10, 15 |
| | | PoG_L(R)_4_3 | 159 | 160 | <i>A2, area 2</i> | -46, -30, 50 | 48, -24, 48 |
| | | PoG_L(R)_4_4 | 161 | 162 | <i>A1/2/3tru, area1/2/3(trunk region)</i> | -21, -35, 68 | 20, -33, 69 |
| Insular Lobe | INS, Insular Gyrus | INS_L(R)_6_1 | 163 | 164 | <i>G, hypergranular insula</i> | -36, -20, 10 | 37, -18, 8 |
| | | INS_L(R)_6_2 | 165 | 166 | <i>vla, ventral agranular insula</i> | -32, 14, -13 | 33, 14, -13 |
| | | INS_L(R)_6_3 | 167 | 168 | <i>dla, dorsal agranular insula</i> | -34, 18, 1 | 36, 18, 1 |
| | | INS_L(R)_6_4 | 169 | 170 | <i>vId/vIg, ventral dysgranular and granular insula</i> | -38, -4, -9 | 39, -2, -9 |
| | | INS_L(R)_6_5 | 171 | 172 | <i>dIg, dorsal granular insula</i> | -38, -8, 8 | 39, -7, 8 |
| | | INS_L(R)_6_6 | 173 | 174 | <i>dId, dorsal dysgranular insula</i> | -38, 5, 5 | 38, 5, 5 |
| | CG, Cingulate Gyrus | CG_L(R)_7_1 | 175 | 176 | <i>A23d, dorsal area 23</i> | -4, -39, 31 | 4, -37, 32 |
| | | CG_L(R)_7_2 | 177 | 178 | <i>A24rv, rostroventral area 24</i> | -3, 8, 25 | 5, 22, 12 |
| | | CG_L(R)_7_3 | 179 | 180 | <i>A32p, pregenual area 32</i> | -6, 34, 21 | 5, 28, 27 |
| | | CG_L(R)_7_4 | 181 | 182 | <i>A23v, ventral area 23</i> | -8, -47, 10 | 9, -44, 11 |
| | | CG_L(R)_7_5 | 183 | 184 | <i>A24cd, caudodorsal area 24</i> | -5, 7, 37 | 4, 6, 38 |
| | | CG_L(R)_7_6 | 185 | 186 | <i>A23c, caudal area 23</i> | -7, -23, 41 | 6, -20, 40 |
| Occipital Lobe | MVOcC, MedioVentral Occipital Cortex | CG_L(R)_7_7 | 187 | 188 | <i>A32sg, subgenual area 32</i> | -4, 39, -2 | 5, 41, 6 |
| | | MVOcC_L(R)_5_1 | 189 | 190 | <i>cLinG, caudal lingual gyrus</i> | -11, -82, -11 | 10, -85, -9 |
| | | MVOcC_L(R)_5_2 | 191 | 192 | <i>rCunG, rostral cuneus gyrus</i> | -5, -81, 10 | 7, -76, 11 |
| | | MVOcC_L(R)_5_3 | 193 | 194 | <i>cCunG, caudal cuneus gyrus</i> | -6, -94, 1 | 8, -90, 12 |
| | | MVOcC_L(R)_5_4 | 195 | 196 | <i>rLinG, rostral lingual gyrus</i> | -17, -60, -6 | 18, -60, -7 |
| | | MVOcC_L(R)_5_5 | 197 | 198 | <i>vmPOS,ventromedial parietooccipital sulcus</i> | -13, -68, 12 | 15, -63, 12 |
| | LOcC, lateral Occipital Cortex | LOcC_L(R)_4_1 | 199 | 200 | <i>mOccG, middle occipital gyrus</i> | -31, -89, 11 | 34, -86, 11 |
| | | LOcC_L(R)_4_2 | 201 | 202 | <i>V5/MT+, area V5/MT+</i> | -46, -74, 3 | 48, -70, -1 |
| | | LOcC_L(R)_4_3 | 203 | 204 | <i>OPC, occipital polar cortex</i> | -18, -99, 2 | 22, -97, 4 |
| | | LOcC_L(R)_4_4 | 205 | 206 | <i>iOccG, inferior occipital gyrus</i> | -30, -88, -12 | 32, -85, -12 |
| | | LOcC_L(R)_2_1 | 207 | 208 | <i>msOccG, medial superior occipital gyrus</i> | -11, -88, 31 | 16, -85, 34 |
| Subcortical Nuclei | LOcC_L(R)_2_2 | LOcC_L(R)_2_2 | 209 | 210 | <i>lsOccG, lateral superior occipital gyrus</i> | -22, -77, 36 | 29, -75, 36 |
| | | Amyg_L(R)_2_1 | 211 | 212 | <i>mAmyg, medial amygdala</i> | -19, -2, -20 | 19, -2, -19 |
| | | Amyg_L(R)_2_2 | 213 | 214 | <i>lAmyg, lateral amygdala</i> | -27, -4, -20 | 28, -3, -20 |
| | Hipp, Hippocampus | Hipp_L(R)_2_1 | 215 | 216 | <i>rHipp, rostral hippocampus</i> | -22, -14, -19 | 22, -12, -20 |
| | | Hipp_L(R)_2_2 | 217 | 218 | <i>cHipp, caudal hippocampus</i> | -28, -30, -10 | 29, -27, -10 |
| | BG, Basal Ganglia | BG_L(R)_6_1 | 219 | 220 | <i>vCa, ventral caudate</i> | -12, 14, 0 | 15, 14, -2 |
| | | BG_L(R)_6_2 | 221 | 222 | <i>GP, globus pallidus</i> | -22, -2, 4 | 22, -2, 3 |
| | | BG_L(R)_6_3 | 223 | 224 | <i>NAC, nucleus accumbens</i> | -17, 3, -9 | 15, 8, -9 |
| | | BG_L(R)_6_4 | 225 | 226 | <i>vmPu, ventromedial putamen</i> | -23, 7, -4 | 22, 8, -1 |
| | | BG_L(R)_6_5 | 227 | 228 | <i>dCa, dorsal caudate</i> | -14, 2, 16 | 14, 5, 14 |
| | | BG_L(R)_6_6 | 229 | 230 | <i>dlPu, dorsolateral putamen</i> | -28, -5, 2 | 29, -3, 1 |
| | Tha, Thalamus | Tha_L(R)_8_1 | 231 | 232 | <i>mPFtha, medial pre-frontal thalamus</i> | -7, -12, 5 | 7, -11, 6 |
| | | Tha_L(R)_8_2 | 233 | 234 | <i>mPMtha, pre-motor thalamus</i> | -18, -13, 3 | 12, -14, 1 |
| | | Tha_L(R)_8_3 | 235 | 236 | <i>Stha, sensory thalamus</i> | -18, -23, 4 | 18, -22, 3 |
| | | Tha_L(R)_8_4 | 237 | 238 | <i>rTtha, rostral temporal thalamus</i> | -7, -14, 7 | 3, -13, 5 |
| | | Tha_L(R)_8_5 | 239 | 240 | <i>PPtha, posterior parietal thalamus</i> | -16, -24, 6 | 15, -25, 6 |
| | | Tha_L(R)_8_6 | 241 | 242 | <i>Otha, occipital thalamus</i> | -15, -28, 4 | 13, -27, 8 |
| | | Tha_L(R)_8_7 | 243 | 244 | <i>cTtha, caudal temporal thalamus</i> | -12, -22, 13 | 10, -14, 14 |
| | | Tha_L(R)_8_8 | 245 | 246 | <i>lPFtha, lateral pre-frontal thalamus</i> | -11, -14, 2 | 13, -16, 7 |
