















































































































































Ordered cells by branch



















































Legend: Topic #1 Topic #2 Topic #3 Topic #4



















































Table 1: Branch 1



















































node.label	cell.name	cell.group	main.topic	topics
96	1772067065_A02	interneurons	1	
1630	1772060226_H05	astrocytes_ependymal	1	
275	1772060224_B06	pyramidal SS	1	
135	1772071015_A01	interneurons	1	
347	1772062109_F09	pyramidal SS	1	
413	1772071014_H02	pyramidal SS	1	
1634	1772058177_G08	astrocytes_ependymal	1	
1633	1772062113_C04	astrocytes_ependymal	1	
431	1772063061_H01	pyramidal SS	1	
404	1772063074_E06	pyramidal SS	1	
120	1772058148_H04	interneurons	1	
1686	1772071017_A07	endothelial-mural	1	
544	1772062109_C04	pyramidal SS	1	
76	1772058148_D08	interneurons	1	
456	1772063078_C04	pyramidal SS	1	
530	1772063077_B02	pyramidal SS	1	
349	1772071040_H03	pyramidal SS	1	
152	1772063074_E11	interneurons	1	
405	1772063064_H01	pyramidal SS	1	
50	1772067065_D01	interneurons	1	
540	1772062111_B08	pyramidal SS	1	
39	1772071015_F03	interneurons	1	
538	1772062116_E12	pyramidal SS	1	
386	1772062115_D01	pyramidal SS	1	
504	1772062114_B06	pyramidal SS	1	
10	1772071015_C11	interneurons	1	
37	1772071017_G11	interneurons	1	
490	1772060224_F11	pyramidal SS	1	
41	1772071014_G10	interneurons	1	
499	1772063068_C02	pyramidal SS	1	
527	1772060240_A05	pyramidal SS	1	
119	1772067065_F08	interneurons	1	
526	1772060240_B09	pyramidal SS	1	
137	1772063070_B10	interneurons	1	
416	1772063078_E02	pyramidal SS	1	
1623	1772063078_D03	astrocytes_ependymal	1	
522	1772063063_A02	pyramidal SS	1	
355	1772062116_B02	pyramidal SS	1	
510	1772063068_B07	pyramidal SS	1	
1594	1772063063_E01	astrocytes_ependymal	1	
460	1772063062_A03	pyramidal SS	1	
1628	1772063070_B07	astrocytes_ependymal	1	



















































1612	1772067070_B12	astrocytes_ependymal	1	
179	1772067064_H09	pyramidal SS	1	
3	1772071017_A05	interneurons	1	
113	1772071015_A05	interneurons	1	
1637	1772063077_D01	astrocytes_ependymal	1	
1646	1772071041_G06	astrocytes_ependymal	1	
42	1772067066_B07	interneurons	1	
367	1772067070_B11	pyramidal SS	1	
550	1772063063_D03	pyramidal SS	1	
189	1772067063_B02	pyramidal SS	1	
8	1772071014_E04	interneurons	1	
38	1772071014_H12	interneurons	1	
44	1772071015_F07	interneurons	1	
46	1772071015_C10	interneurons	1	
108	1772071015_C09	interneurons	1	
343	1772071015_D07	pyramidal SS	1	
33	1772071015_B04	interneurons	1	
115	1772067065_A01	interneurons	1	
293	1772063070_B11	pyramidal SS	1	
35	1772067065_D06	interneurons	1	
117	1772071017_H06	interneurons	1	
1	1772071015_C02	interneurons	1	
155	1772071017_D01	interneurons	1	
34	1772071014_D03	interneurons	1	
313	1772063063_D11	pyramidal SS	1	
493	1772063074_C06	pyramidal SS	1	
43	1772067065_G01	interneurons	1	
158	1772071014_C04	interneurons	1	
40	1772071015_B11	interneurons	1	
112	1772067065_G10	interneurons	1	
32	1772071017_B03	interneurons	1	
51	1772071015_A02	interneurons	1	
244	1772063064_D02	pyramidal SS	1	
31	1772071014_A07	interneurons	1	
104	1772071015_H07	interneurons	1	
442	1772063064_C02	pyramidal SS	1	
48	1772067065_A11	interneurons	1	
52	1772071014_F01	interneurons	1	
114	1772067065_B10	interneurons	1	
151	1772063068_F12	interneurons	1	
125	1772067066_E02	interneurons	1	
136	1772071017_H10	interneurons	1	
106	1772071014_A06	interneurons	1	
18	1772071017_E06	interneurons	1	
4	1772071014_B06	interneurons	1	
381	1772060240_B10	pyramidal SS	1	
6	1772071017_E02	interneurons	1	
131	1772067066_D04	interneurons	1	
5	1772067065_H06	interneurons	1	
132	1772067065_G12	interneurons	1	



















































159	1772071017_A08	interneurons	1	
9	1772071015_D04	interneurons	1	
133	1772071017_G05	interneurons	1	
55	1772071017_D07	interneurons	1	
190	1772060240_A07	pyramidal SS	1	
230	1772067064_F02	pyramidal SS	1	
14	1772071017_A09	interneurons	1	
270	1772067074_F12	pyramidal SS	1	
68	1772071015_E06	interneurons	1	
153	1772067073_C01	interneurons	1	
175	1772067063_E09	pyramidal SS	1	
25	1772071015_B08	interneurons	1	
314	1772062115_C11	pyramidal SS	1	
520	1772060240_D04	pyramidal SS	1	
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363	1772067063_B09	pyramidal SS	1	
397	1772071041_B12	pyramidal SS	1	
59	1772071015_H11	interneurons	1	
22	1772071014_B04	interneurons	1	
213	1772067074_D05	pyramidal SS	1	
559	1772066104_H07	pyramidal SS	1	
63	1772071017_B09	interneurons	1	
346	1772067066_C03	pyramidal SS	1	
361	1772071040_F06	pyramidal SS	1	
66	1772071015_G04	interneurons	1	
149	1772071014_B10	interneurons	1	
198	1772067070_A03	pyramidal SS	1	
75	1772071017_E04	interneurons	1	
26	1772071014_C11	interneurons	1	
216	1772071017_D11	pyramidal SS	1	
557	1772067069_D09	pyramidal SS	1	
176	1772067070_D04	pyramidal SS	1	
123	1772067065_G11	interneurons	1	
356	1772071041_D08	pyramidal SS	1	
203	1772067070_G11	pyramidal SS	1	
553	1772071017_E11	pyramidal SS	1	
551	1772071041_B09	pyramidal SS	1	
58	1772071017_C07	interneurons	1	
36	1772067066_H08	interneurons	1	
212	1772067070_F03	pyramidal SS	1	
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134	1772071017_D12	interneurons	1	
29	1772071014_H11	interneurons	1	
263	1772063065_A10	pyramidal SS	1	
167	1772067073_F04	pyramidal SS	1	
164	1772071014_E02	interneurons	1	

60	1772071014_A05	interneurons	1	
144	1772071015_G09	interneurons	1	
392	1772067066_G02	pyramidal SS	1	
162	1772071017_A06	interneurons	1	
542	1772067070_C07	pyramidal SS	1	
16	1772071017_A03	interneurons	1	
107	1772071015_A11	interneurons	1	
186	1772067064_D02	pyramidal SS	1	
399	1772067073_F02	pyramidal SS	1	
284	1772060240_F12	pyramidal SS	1	
339	1772063068_G04	pyramidal SS	1	
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336	1772063062_C04	pyramidal SS	1	
555	1772060225_G12	pyramidal SS	1	
488	1772063065_B10	pyramidal SS	1	
290	1772063070_E01	pyramidal SS	1	
243	1772071041_H10	pyramidal SS	1	
482	1772067073_D12	pyramidal SS	1	
127	1772067065_B09	interneurons	1	
21	1772071014_E06	interneurons	1	
180	1772071040_B01	pyramidal SS	1	
214	1772067069_G03	pyramidal SS	1	
170	1772067063_C05	pyramidal SS	1	
245	1772067074_C05	pyramidal SS	1	
210	1772067064_G02	pyramidal SS	1	
259	1772067073_G09	pyramidal SS	1	
562	1772066104_A04	pyramidal SS	1	
11	1772071017_D04	interneurons	1	
315	1772071041_C10	pyramidal SS	1	
28	1772067065_F11	interneurons	1	
477	1772071041_E08	pyramidal SS	1	
65	1772067065_A12	interneurons	1	
294	1772071041_A05	pyramidal SS	1	
295	1772060240_H05	pyramidal SS	1	
248	1772067070_D06	pyramidal SS	1	
177	1772067064_C07	pyramidal SS	1	
165	1772067069_H02	pyramidal SS	1	
77	1772067065_F07	interneurons	1	
191	1772067073_A01	pyramidal SS	1	
172	1772067064_C12	pyramidal SS	1	
224	1772071041_E01	pyramidal SS	1	
221	1772067073_F08	pyramidal SS	1	
297	1772063065_G10	pyramidal SS	1	
332	1772066104_F10	pyramidal SS	1	
27	1772067066_E10	interneurons	1	
328	1772063065_D02	pyramidal SS	1	

70	1772071015_C01	interneurons	1	
266	1772063068_F07	pyramidal SS	1	
500	1772063068_E08	pyramidal SS	1	
12	1772071017_D06	interneurons	1	
365	1772067073_B06	pyramidal SS	1	
122	1772067065_B12	interneurons	1	
389	1772067070_D10	pyramidal SS	1	
62	1772071017_C08	interneurons	1	
205	1772067069_G06	pyramidal SS	1	
24	1772071017_E10	interneurons	1	
318	1772067069_C05	pyramidal SS	1	
200	1772067064_B05	pyramidal SS	1	
519	1772060240_E09	pyramidal SS	1	
283	1772071041_A06	pyramidal SS	1	
319	1772063065_C09	pyramidal SS	1	
171	1772067069_C12	pyramidal SS	1	
199	1772071017_C06	pyramidal SS	1	
74	1772071014_E05	interneurons	1	
219	1772071041_D09	pyramidal SS	1	
390	1772071040_A01	pyramidal SS	1	
480	1772067070_F11	pyramidal SS	1	
225	1772071041_G07	pyramidal SS	1	
322	1772067073_B04	pyramidal SS	1	
139	1772071015_E10	interneurons	1	
474	1772067074_D06	pyramidal SS	1	
187	1772067069_H10	pyramidal SS	1	
128	1772067065_F10	interneurons	1	
211	1772071040_E01	pyramidal SS	1	
547	1772071041_C06	pyramidal SS	1	
67	1772067066_B02	interneurons	1	
157	1772071015_E08	interneurons	1	
215	1772067070_E11	pyramidal SS	1	
148	1772071017_C10	interneurons	1	
257	1772067063_B12	pyramidal SS	1	
252	1772071041_C05	pyramidal SS	1	
298	1772067074_D10	pyramidal SS	1	
253	1772067070_G12	pyramidal SS	1	
292	1772063068_H12	pyramidal SS	1	
183	1772067069_D10	pyramidal SS	1	
161	1772067065_A08	interneurons	1	
278	1772071040_G09	pyramidal SS	1	
305	1772071041_B01	pyramidal SS	1	
73	1772071017_C05	interneurons	1	
126	1772067066_A11	interneurons	1	
335	1772067073_F10	pyramidal SS	1	
208	1772067066_A06	pyramidal SS	1	
188	1772071017_G01	pyramidal SS	1	
209	1772071040_G08	pyramidal SS	1	
251	1772067074_F03	pyramidal SS	1	
142	1772071015_F05	interneurons	1	

178	1772067069_A11	pyramidal SS	1	
324	1772071040_H01	pyramidal SS	1	
535	1772067069_B11	pyramidal SS	1	
260	1772067069_E04	pyramidal SS	1	
197	1772067070_C01	pyramidal SS	1	
227	1772071041_H09	pyramidal SS	1	
545	1772071017_G07	pyramidal SS	1	
124	1772067066_A10	interneurons	1	
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373	1772067070_G04	pyramidal SS	1	
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207	1772071041_H11	pyramidal SS	1	
543	1772071017_A02	pyramidal SS	1	
226	1772071041_G03	pyramidal SS	1	
366	1772067073_G04	pyramidal SS	1	
376	1772071040_B06	pyramidal SS	1	
375	1772071041_D11	pyramidal SS	1	
220	1772071041_H12	pyramidal SS	1	
546	1772067074_A09	pyramidal SS	1	
258	1772067063_H04	pyramidal SS	1	
554	1772071017_B07	pyramidal SS	1	
53	1772071015_D06	interneurons	1	
537	1772071040_D07	pyramidal SS	1	
228	1772071041_G08	pyramidal SS	1	
237	1772071041_A04	pyramidal SS	1	
163	1772071014_F12	interneurons	1	
17	1772071017_F07	interneurons	1	
279	1772071041_E10	pyramidal SS	1	
181	1772067064_B04	pyramidal SS	1	
274	1772063065_F03	pyramidal SS	1	
539	1772067070_D03	pyramidal SS	1	
395	1772067070_D05	pyramidal SS	1	
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166	1772063071_B07	pyramidal SS	1	
173	1772071041_F07	pyramidal SS	1	
202	1772067064_C02	pyramidal SS	1	
271	1772067064_A01	pyramidal SS	1	
276	1772071041_H05	pyramidal SS	1	
15	1772071015_C08	interneurons	1	
302	1772067074_F10	pyramidal SS	1	
352	1772067073_E06	pyramidal SS	1	
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528	1772060240_G02	pyramidal SS	1	
64	1772067066_A09	interneurons	1	
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61	1772071017_A10	interneurons	1	

141	1772071041_B06	interneurons	1	
20	1772071017_B05	interneurons	1	
169	1772067066_E04	pyramidal SS	1	
536	1772071040_C06	pyramidal SS	1	
19	1772067066_C10	interneurons	1	
23	1772067066_B09	interneurons	1	
255	1772067074_B01	pyramidal SS	1	
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407	1772067064_H05	pyramidal SS	1	
388	1772063065_A01	pyramidal SS	1	
310	1772063061_A05	pyramidal SS	1	
247	1772063068_F11	pyramidal SS	1	
380	1772063068_C01	pyramidal SS	1	
311	1772063068_F02	pyramidal SS	1	
238	1772063068_B01	pyramidal SS	1	
406	1772071014_C08	pyramidal SS	1	
72	1772071017_D10	interneurons	1	
489	1772063065_H05	pyramidal SS	1	
529	1772063065_A06	pyramidal SS	1	
563	1772066104_A01	pyramidal SS	1	
450	1772063078_F03	pyramidal SS	1	
249	1772067074_B09	pyramidal SS	1	
516	1772060240_F09	pyramidal SS	1	
340	1772063065_A03	pyramidal SS	1	
49	1772071015_G12	interneurons	1	
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398	1772063077_E05	pyramidal SS	1	
45	1772067065_E07	interneurons	1	
47	1772067063_E06	interneurons	1	
561	1772066104_G09	pyramidal SS	1	
459	1772062115_E09	pyramidal SS	1	
463	1772067063_H06	pyramidal SS	1	

403	1772063061_A03	pyramidal SS	1	
469	1772067073_D11	pyramidal SS	1	
408	1772063068_A12	pyramidal SS	1	
531	1772063068_E02	pyramidal SS	1	
87	1772071040_A12	interneurons	1	
432	1772063061_B06	pyramidal SS	1	
453	1772062113_D06	pyramidal SS	1	
321	1772063068_G10	pyramidal SS	1	
184	1772062109_B03	pyramidal SS	1	
449	1772063070_F01	pyramidal SS	1	
372	1772062118_B11	pyramidal SS	1	
384	1772063077_C12	pyramidal SS	1	
281	1772062128_D10	pyramidal SS	1	
401	1772063061_A10	pyramidal SS	1	
387	1772062118_A01	pyramidal SS	1	
272	1772063064_B11	pyramidal SS	1	
402	1772062128_C12	pyramidal SS	1	
85	1772062115_G05	interneurons	1	
54	1772071017_B02	interneurons	1	
525	1772060240_C06	pyramidal SS	1	
411	1772067065_G07	pyramidal SS	1	
462	1772062113_G03	pyramidal SS	1	
461	1772062114_G07	pyramidal SS	1	
485	1772063068_E12	pyramidal SS	1	
444	1772063068_B04	pyramidal SS	1	
289	1772062128_D12	pyramidal SS	1	
235	1772063068_A01	pyramidal SS	1	
452	1772063062_D12	pyramidal SS	1	
358	1772062109_E09	pyramidal SS	1	
511	1772063068_A07	pyramidal SS	1	
89	1772063078_F12	interneurons	1	
418	1772063061_E05	pyramidal SS	1	
494	1772063065_A08	pyramidal SS	1	
138	1772063065_C02	interneurons	1	
426	1772063061_G12	pyramidal SS	1	
433	1772063071_E12	pyramidal SS	1	
451	1772062115_D06	pyramidal SS	1	
533	1772063068_C06	pyramidal SS	1	
160	1772063064_B06	interneurons	1	
94	1772062111_G03	interneurons	1	
267	1772063068_A02	pyramidal SS	1	
341	1772062128_A09	pyramidal SS	1	
491	1772062113_A04	pyramidal SS	1	
498	1772063078_E04	pyramidal SS	1	
282	1772063078_B12	pyramidal SS	1	
304	1772063068_E06	pyramidal SS	1	
502	1772063070_D09	pyramidal SS	1	
473	1772063070_D11	pyramidal SS	1	
464	1772062114_A02	pyramidal SS	1	
156	1772058148_H08	interneurons	1	



















































































































































264	1772063068_D04	pyramidal SS	1	
497	1772062113_B05	pyramidal SS	1	
532	1772063068_C11	pyramidal SS	1	
338	1772063068_C10	pyramidal SS	1	
242	1772063077_D06	pyramidal SS	1	
505	1772063065_B05	pyramidal SS	1	
232	1772063063_H02	pyramidal SS	1	
285	1772063065_D04	pyramidal SS	1	
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394	1772063071_E01	pyramidal SS	1	
466	1772062113_E03	pyramidal SS	1	
105	1772062109_H07	interneurons	1	
472	1772062113_D03	pyramidal SS	1	
195	1772071041_G09	pyramidal SS	1	
286	1772062116_B11	pyramidal SS	1	



















































Table 2: Branch 1.1



















































node.label	cell.name	cell.group	main.topic	topics
97	1772062128_G04	interneurons	1	
229	1772067070_G08	pyramidal SS	1	
1519	1772062118_H11	astrocytes_ependymal	1	
475	1772063063_A07	pyramidal SS	1	
409	1772062109_H06	pyramidal SS	1	
1687	1772063071_G10	endothelial-mural	1	
412	1772062128_D01	pyramidal SS	1	
458	1772062109_G11	pyramidal SS	1	
440	1772063061_B01	pyramidal SS	1	
465	1772062109_D07	pyramidal SS	1	
425	1772058171_C07	pyramidal SS	1	
223	1772071040_F05	pyramidal SS	1	
414	1772063061_H04	pyramidal SS	1	
445	1772063077_C06	pyramidal SS	1	
129	1772063063_H03	interneurons	1	
435	1772058177_H05	pyramidal SS	1	
143	1772062115_G06	interneurons	1	
437	1772058177_H07	pyramidal SS	1	
350	1772063062_D03	pyramidal SS	1	
330	1772063062_F05	pyramidal SS	1	
154	1772058177_D04	interneurons	1	
507	1772063078_E06	pyramidal SS	1	
92	1772062128_D11	interneurons	1	
327	1772063071_E07	pyramidal SS	1	

438	1772058171_E01	pyramidal SS	1	
280	1772062128_D07	pyramidal SS	1	
287	1772063078_A04	pyramidal SS	1	
484	1772062115_E10	pyramidal SS	1	
240	1772063063_G11	pyramidal SS	1	
109	1772063071_A06	interneurons	1	
333	1772058177_G10	pyramidal SS	1	
194	1772062116_B04	pyramidal SS	1	
130	1772071017_A01	interneurons	1	
118	1772071014_A12	interneurons	1	
481	1772063063_H04	pyramidal SS	1	
443	1772063061_G01	pyramidal SS	1	
145	1772071017_G02	interneurons	1	
342	1772063071_F08	pyramidal SS	1	
548	1772067070_D09	pyramidal SS	1	
495	1772063071_B03	pyramidal SS	1	
329	1772063071_C08	pyramidal SS	1	
496	1772063071_E05	pyramidal SS	1	
262	1772063071_H01	pyramidal SS	1	
234	1772063071_G03	pyramidal SS	1	
95	1772063061_H03	interneurons	1	
256	1772062115_G01	pyramidal SS	1	
79	1772063077_B03	interneurons	1	
467	1772067073_H12	pyramidal SS	1	
454	1772063062_D06	pyramidal SS	1	
140	1772062115_H01	interneurons	1	
100	1772062128_B10	interneurons	1	
378	1772063071_C01	pyramidal SS	1	
309	1772062116_A06	pyramidal SS	1	
182	1772063063_E12	pyramidal SS	1	
236	1772063071_E06	pyramidal SS	1	
168	1772067069_A03	pyramidal SS	1	
233	1772063065_C11	pyramidal SS	1	
354	1772071040_D11	pyramidal SS	1	
369	1772067063_A01	pyramidal SS	1	
457	1772063068_C12	pyramidal SS	1	
364	1772071041_F02	pyramidal SS	1	
250	1772063077_D12	pyramidal SS	1	
400	1772062111_A09	pyramidal SS	1	
299	1772071040_B12	pyramidal SS	1	
277	1772062109_E06	pyramidal SS	1	
288	1772063068_D03	pyramidal SS	1	
446	1772063061_H08	pyramidal SS	1	
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323	1772067074_D08	pyramidal SS	1	

357	1772067064_G12	pyramidal SS	1	
353	1772071040_F10	pyramidal SS	1	
111	1772067066_H09	interneurons	1	
556	1772071041_A09	pyramidal SS	1	
316	1772060225_C12	pyramidal SS	1	
93	1772063078_B02	interneurons	1	
239	1772063070_F03	pyramidal SS	1	
150	1772062128_G06	interneurons	1	
98	1772062109_H03	interneurons	1	
1489	1772062128_C09	endothelial-mural	1	
1445	1772063068_B12	endothelial-mural	1	
348	1772060224_C03	pyramidal SS	1	
90	1772062115_C05	interneurons	1	
427	1772062128_H06	pyramidal SS	1	
325	1772063062_F07	pyramidal SS	1	
306	1772060226_F11	pyramidal SS	1	
296	1772063065_F04	pyramidal SS	1	
303	1772060224_H02	pyramidal SS	1	
1688	1772058148_C03	endothelial-mural	1	
1680	1772062111_E09	endothelial-mural	1	
1444	1772063063_H05	endothelial-mural	1	
1441	1772063065_D08	endothelial-mural	1	
1682	1772063074_H03	endothelial-mural	1	
1683	1772063062_H10	endothelial-mural	1	
1439	1772063061_B10	endothelial-mural	1	
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506	1772063078_D10	pyramidal SS	1	
509	1772063070_F09	pyramidal SS	1	
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1675	1772063063_G07	endothelial-mural	1	
1670	1772062113_D02	endothelial-mural	1	
517	1772062128_A11	pyramidal SS	1	
146	1772062111_C11	interneurons	1	
307	1772067069_C08	pyramidal SS	1	
1305	1772063063_H11	microglia	1	
1327	1772060240_H10	microglia	1	
1369	1772063063_B01	endothelial-mural	1	
1330	1772063063_A03	microglia	1	
1689	1772063061_D09	endothelial-mural	1	
1496	1772066104_A09	endothelial-mural	1	
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1390	1772062111_D07	endothelial-mural	1	
1685	1772063078_G10	endothelial-mural	1	
512	1772062114_G09	pyramidal SS	1	
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1660	1772062111_B09	endothelial-mural	1	
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1676	1772067063_E08	endothelial-mural	3	
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1409	1772067069_E07	endothelial-mural	3	
1400	1772063070_B04	endothelial-mural	3	

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1452	1772058177_F11	endothelial-mural	3	
1348	1772063064_A11	endothelial-mural	3	
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1391	1772063077_D11	endothelial-mural	3	
1469	1772058177_A08	endothelial-mural	3	
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1399	1772062111_H12	endothelial-mural	3	
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1364	1772063079_A11	endothelial-mural	3	
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1376	1772058177_D01	endothelial-mural	3	
1392	1772062113_H07	endothelial-mural	3	
1471	1772058177_B01	endothelial-mural	3	
1356	1772058177_C08	endothelial-mural	3	
1470	1772060224_H01	endothelial-mural	3	
1371	1772063064_F06	endothelial-mural	3	
1401	1772063064_E04	endothelial-mural	3	
1353	1772063064_B05	endothelial-mural	3	
1479	1772058177_H03	endothelial-mural	3	
1457	1772067073_H05	endothelial-mural	3	
1385	1772058171_G05	endothelial-mural	3	
1650	1772058177_B10	endothelial-mural	3	
1679	1772063074_C04	endothelial-mural	3	
1435	1772060224_A05	endothelial-mural	3	
1425	1772058148_F12	endothelial-mural	3	
1415	1772058148_E02	endothelial-mural	3	
1268	1772058177_A07	microglia	3	
1288	1772058177_E01	microglia	3	
1434	1772058148_F05	endothelial-mural	3	
1366	1772062128_G09	endothelial-mural	3	
1393	1772062111_G12	endothelial-mural	3	
1665	1772063079_F03	endothelial-mural	3	
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1465	1772060224_F04	endothelial-mural	3	
1442	1772058148_F10	endothelial-mural	3	
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1413	1772058148_D04	endothelial-mural	3	
1315	1772058177_F04	microglia	3	

1448	1772063062_G06	endothelial-mural	3	
1280	1772066104_B07	microglia	3	
1296	1772063061_F10	microglia	3	
1311	1772067064_D12	microglia	3	
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1301	1772062109_D06	microglia	3	
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1502	1772063062_A05	endothelial-mural	3	
1318	1772062109_D12	microglia	3	
1297	1772062116_D02	microglia	3	
1620	1772063062_E03	astrocytes_ependymal	3	
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1316	1772067074_D04	microglia	3	
1266	1772058148_F06	microglia	3	
1287	1772062128_A07	microglia	3	
1372	1772058148_H05	endothelial-mural	3	
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1271	1772058177_D11	microglia	3	
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1270	1772058177_D10	microglia	3	
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1265	1772062109_F11	microglia	1	
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1337	1772060226_F12	microglia	1	

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1307	1772060224_F07	microglia	1	
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1283	1772060240_H11	microglia	3	
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1551	1772063071_H09	astrocytes_ependymal	4	
1534	1772062114_B05	astrocytes_ependymal	4	
1540	1772063062_B05	astrocytes_ependymal	4	
1509	1772071015_H09	astrocytes_ependymal	4	
1515	1772071015_A08	astrocytes_ependymal	4	
1569	1772062114_D04	astrocytes_ependymal	4	
1549	1772062128_E04	astrocytes_ependymal	4	
1530	1772062109_F07	astrocytes_ependymal	4	
1554	1772063068_D06	astrocytes_ependymal	4	
1533	1772062114_D03	astrocytes_ependymal	4	
1543	1772062114_E01	astrocytes_ependymal	4	
1581	1772063074_D02	astrocytes_ependymal	4	
1593	1772062128_C04	astrocytes_ependymal	4	
1524	1772071014_D07	astrocytes_ependymal	4	
1579	1772063061_C12	astrocytes_ependymal	4	
1618	1772062118_C05	astrocytes_ependymal	4	
1607	1772063063_G08	astrocytes_ependymal	4	
1586	1772062114_F06	astrocytes_ependymal	4	
1592	1772058148_C05	astrocytes_ependymal	4	
1512	1772071014_D06	astrocytes_ependymal	4	
1565	1772062115_F11	astrocytes_ependymal	4	
1513	1772071014_F02	astrocytes_ependymal	4	
1505	1772062109_D11	astrocytes_ependymal	4	
1572	1772060240_B02	astrocytes_ependymal	4	
1528	1772063077_F03	astrocytes_ependymal	4	
1560	1772062128_F01	astrocytes_ependymal	4	
1511	1772071014_H07	astrocytes_ependymal	4	
1566	1772060240_F07	astrocytes_ependymal	4	
1609	1772062116_B01	astrocytes_ependymal	1	
1635	1772060240_H06	astrocytes_ependymal	1	
1510	1772071014_G04	astrocytes_ependymal	4	
1583	1772060240_H12	astrocytes_ependymal	4	
1621	1772067074_F02	astrocytes_ependymal	1	



















































1619	1772063061_D08	astrocytes_ependymal	4	
1617	1772062111_A04	astrocytes_ependymal	4	
1582	1772062109_E11	astrocytes_ependymal	1	
1603	1772067073_H07	astrocytes_ependymal	4	
1599	1772063077_E12	astrocytes_ependymal	4	
1576	1772060240_B05	astrocytes_ependymal	4	
1539	1772071015_G05	astrocytes_ependymal	1	
1625	1772062109_G12	astrocytes_ependymal	4	
1567	1772062113_F04	astrocytes_ependymal	1	
1571	1772063077_F11	astrocytes_ependymal	4	
1575	1772060240_D05	astrocytes_ependymal	4	
1573	1772058148_C01	astrocytes_ependymal	4	
1507	1772071014_C07	astrocytes_ependymal	4	
1504	1772071014_H04	astrocytes_ependymal	4	
1605	1772067073_E04	astrocytes_ependymal	4	
1610	1772067063_A06	astrocytes_ependymal	4	
1589	1772067063_G08	astrocytes_ependymal	4	
1591	1772063064_E06	astrocytes_ependymal	4	
1595	1772060224_E12	astrocytes_ependymal	4	
1626	1772063078_G04	astrocytes_ependymal	4	
1537	1772063064_D08	astrocytes_ependymal	4	
1632	1772062128_E08	astrocytes_ependymal	4	
1508	1772067063_E05	astrocytes_ependymal	4	
1587	1772063062_C11	astrocytes_ependymal	4	
1606	1772067064_C11	astrocytes_ependymal	4	
1585	1772071041_B08	astrocytes_ependymal	4	
1604	1772067066_C06	astrocytes_ependymal	4	
1596	1772058148_E08	astrocytes_ependymal	4	
1520	1772067069_C11	astrocytes_ependymal	4	
1525	1772071014_A02	astrocytes_ependymal	4	
1597	1772058177_C04	astrocytes_ependymal	4	
1521	1772071014_E01	astrocytes_ependymal	4	
1608	1772067063_E07	astrocytes_ependymal	4	
1564	1772062109_A08	astrocytes_ependymal	4	
1563	1772062128_C08	astrocytes_ependymal	2	
1642	1772058148_D11	astrocytes_ependymal	2	
1643	1772058148_C07	astrocytes_ependymal	2	
1644	1772058148_B02	astrocytes_ependymal	4	
1615	1772062128_G01	astrocytes_ependymal	4	
1561	1772062118_A08	astrocytes_ependymal	4	
1611	1772071040_B09	astrocytes_ependymal	4	
1518	1772071015_H10	astrocytes_ependymal	4	
1555	1772063065_E10	astrocytes_ependymal	4	
1516	1772071015_D10	astrocytes_ependymal	4	
1517	1772067064_A10	astrocytes_ependymal	4	
1526	1772063071_H08	astrocytes_ependymal	4	
1522	1772071015_D02	astrocytes_ependymal	4	
1514	1772058171_H01	astrocytes_ependymal	4	
1531	1772058177_D07	astrocytes_ependymal	2	
1600	1772058148_C09	astrocytes_ependymal	4	

1535	1772058177_B03	astrocytes_ependymal	4	
1552	1772062118_G01	astrocytes_ependymal	4	
1577	1772060224_D09	astrocytes_ependymal	2	
1544	1772063068_F04	astrocytes_ependymal	4	
1574	1772060224_G08	astrocytes_ependymal	4	
1558	1772063071_H02	astrocytes_ependymal	4	
1536	1772058171_B03	astrocytes_ependymal	4	
1556	1772062115_D08	astrocytes_ependymal	4	
1538	1772071015_A12	astrocytes_ependymal	4	
1550	1772063071_H07	astrocytes_ependymal	4	
1601	1772063074_C07	astrocytes_ependymal	4	
1548	1772063071_B11	astrocytes_ependymal	4	
1532	1772058171_F07	astrocytes_ependymal	4	
1584	1772062118_G03	astrocytes_ependymal	4	
1578	1772062109_E04	astrocytes_ependymal	4	
1277	1772058148_E12	microglia	4	
1541	1772063061_F08	astrocytes_ependymal	4	
1678	1772063074_F11	endothelial-mural	3	
1684	1772058148_D02	endothelial-mural	3	
1523	1772062128_D05	astrocytes_ependymal	4	
1570	1772063077_G09	astrocytes_ependymal	4	
1557	1772060226_B09	astrocytes_ependymal	4	
1527	1772062128_E02	astrocytes_ependymal	3	
1622	1772060226_C10	astrocytes_ependymal	4	
1545	1772063065_D11	astrocytes_ependymal	4	
1338	1772062115_H11	microglia	3	
1529	1772058177_E09	astrocytes_ependymal	3	
1640	1772060226_E06	astrocytes_ependymal	3	
1274	1772062109_E05	microglia	4	

Table 3: Branch 1.2

node.label	cell.name	cell.group	main.topic	topics
486	1772060225_E04	pyramidal SS	1	
383	1772060225_E01	pyramidal SS	1	
78	1772062128_G08	interneurons	1	
508	1772063078_G09	pyramidal SS	1	
273	1772062128_E10	pyramidal SS	1	
80	1772062114_H03	interneurons	1	
121	1772063077_H05	interneurons	1	
326	1772062113_E01	pyramidal SS	1	
147	1772058148_H03	interneurons	1	
101	1772063061_B03	interneurons	1	
103	1772058177_G09	interneurons	1	
515	1772062128_F12	pyramidal SS	1	
116	1772062128_F10	interneurons	1	
434	1772058177_C10	pyramidal SS	1	
110	1772058148_F09	interneurons	1	
91	1772063064_G03	interneurons	1	
1645	1772058148_A12	astrocytes_ependymal	1	



















































1616	1772058148_F08	astrocytes_ependymal	1	
393	1772063077_G04	pyramidal SS	1	
501	1772063068_C05	pyramidal SS	1	
391	1772063068_B10	pyramidal SS	1	
371	1772071041_E04	pyramidal SS	1	
523	1772063068_E03	pyramidal SS	1	
1627	1772062128_E07	astrocytes_ependymal	1	
1546	1772063064_H03	astrocytes_ependymal	1	
534	1772063077_A07	pyramidal SS	1	
429	1772063061_C02	pyramidal SS	1	
447	1772062128_E06	pyramidal SS	1	
558	1772062116_F11	pyramidal SS	1	
521	1772063068_D02	pyramidal SS	1	
246	1772067066_B03	pyramidal SS	1	
410	1772062109_D03	pyramidal SS	1	
222	1772071041_D04	pyramidal SS	1	
455	1772062114_F10	pyramidal SS	1	
331	1772063068_A06	pyramidal SS	1	
291	1772062116_G05	pyramidal SS	1	
84	1772062113_F08	interneurons	1	
317	1772063068_G11	pyramidal SS	1	
351	1772067064_A11	pyramidal SS	1	
268	1772063063_E04	pyramidal SS	1	
88	1772063078_F01	interneurons	1	
423	1772063061_E06	pyramidal SS	1	
1076	1772060224_C08	oligodendrocytes	1	
479	1772062111_E07	pyramidal SS	1	
1262	1772063061_B04	oligodendrocytes	1	
81	1772062114_E02	interneurons	1	
514	1772063078_C10	pyramidal SS	1	
1116	1772062111_C03	oligodendrocytes	1	
368	1772062111_H10	pyramidal SS	1	
895	1772063061_D12	oligodendrocytes	1	
415	1772062115_C09	pyramidal SS	1	
618	1772063063_F10	oligodendrocytes	1	
929	1772063078_F02	oligodendrocytes	1	
396	1772062111_H11	pyramidal SS	1	
1506	1772062111_B03	astrocytes_ependymal	1	
102	1772063061_B05	interneurons	1	
468	1772062111_H03	pyramidal SS	1	
1081	1772063078_B08	oligodendrocytes	1	
701	1772058148_B08	oligodendrocytes	1	
513	1772060224_C05	pyramidal SS	1	
969	1772063077_C01	oligodendrocytes	1	
430	1772063061_C06	pyramidal SS	1	
1054	1772060225_H10	oligodendrocytes	1	
417	1772063061_H12	pyramidal SS	1	
174	1772071040_B04	pyramidal SS	1	
185	1772067064_C09	pyramidal SS	1	
370	1772071040_A11	pyramidal SS	1	



















































422	1772063061_D11	pyramidal SS	1	
196	1772067069_B02	pyramidal SS	1	
254	1772071041_A02	pyramidal SS	1	
954	1772063061_F11	oligodendrocytes	1	
218	1772071041_F09	pyramidal SS	1	
605	1772067069_H05	oligodendrocytes	1	
684	1772071041_D10	oligodendrocytes	1	
483	1772071040_G12	pyramidal SS	1	
261	1772067073_C04	pyramidal SS	1	
436	1772063061_F06	pyramidal SS	1	
865	1772063062_D05	oligodendrocytes	1	
379	1772062111_B01	pyramidal SS	1	
1061	1772062115_F05	oligodendrocytes	1	
760	1772062113_F02	oligodendrocytes	1	
1160	1772062109_D04	oligodendrocytes	1	
419	1772058177_G03	pyramidal SS	1	
994	1772060225_H12	oligodendrocytes	1	
1107	1772063062_F09	oligodendrocytes	1	
83	1772062115_A12	interneurons	1	
791	1772062113_C03	oligodendrocytes	1	
919	1772062115_C04	oligodendrocytes	1	
792	1772062116_B12	oligodendrocytes	1	
710	1772063062_B03	oligodendrocytes	1	
711	1772071040_A06	oligodendrocytes	1	
1194	1772063061_E12	oligodendrocytes	1	
676	1772071040_C12	oligodendrocytes	1	
931	1772062115_A02	oligodendrocytes	1	
1145	1772062115_G11	oligodendrocytes	1	
652	1772063077_B07	oligodendrocytes	1	
603	1772058171_H07	oligodendrocytes	1	
925	1772063078_C09	oligodendrocytes	1	
99	1772063063_F01	interneurons	1	
930	1772063078_B11	oligodendrocytes	1	
613	1772063061_A11	oligodendrocytes	1	
878	1772063063_C10	oligodendrocytes	1	
564	1772067064_G07	oligodendrocytes	1	
963	1772060225_F09	oligodendrocytes	1	
833	1772063063_A01	oligodendrocytes	1	
611	1772063063_F03	oligodendrocytes	1	
815	1772063063_D06	oligodendrocytes	1	
86	1772063064_G08	interneurons	1	
1080	1772063078_D05	oligodendrocytes	1	
896	1772063078_B01	oligodendrocytes	1	
824	1772062113_F03	oligodendrocytes	1	
843	1772060240_C04	oligodendrocytes	1	
1097	1772062111_G04	oligodendrocytes	1	
1039	1772062111_B05	oligodendrocytes	1	
1092	1772062109_C11	oligodendrocytes	1	
610	1772060240_C09	oligodendrocytes	1	
1196	1772062113_H11	oligodendrocytes	1	



















































1114	1772062111_E08	oligodendrocytes	1	
980	1772060224_H11	oligodendrocytes	1	
937	1772060225_G06	oligodendrocytes	1	
728	1772063063_H07	oligodendrocytes	2	
690	1772063070_G01	oligodendrocytes	1	
820	1772058148_A04	oligodendrocytes	2	
888	1772071041_A10	oligodendrocytes	1	
956	1772063078_G08	oligodendrocytes	1	
1067	1772060224_F03	oligodendrocytes	1	
1009	1772060226_G06	oligodendrocytes	2	
1109	1772060226_H10	oligodendrocytes	1	
803	1772062113_B03	oligodendrocytes	2	
1087	1772063068_B05	oligodendrocytes	2	
1106	1772063065_A02	oligodendrocytes	2	
821	1772062113_A12	oligodendrocytes	2	
1088	1772063077_D10	oligodendrocytes	2	
1091	1772063065_B03	oligodendrocytes	2	
1042	1772062111_C02	oligodendrocytes	2	
898	1772062115_A04	oligodendrocytes	2	
1167	1772062115_B11	oligodendrocytes	2	
1074	1772063068_E05	oligodendrocytes	2	
672	1772063070_H07	oligodendrocytes	2	
1038	1772063068_F10	oligodendrocytes	2	
1120	1772063063_E02	oligodendrocytes	2	
782	1772063061_A07	oligodendrocytes	2	
641	1772063077_C03	oligodendrocytes	2	
982	1772063064_D09	oligodendrocytes	2	
1066	1772063068_A09	oligodendrocytes	2	
730	1772062111_B02	oligodendrocytes	2	
1193	1772062113_G06	oligodendrocytes	2	
1133	1772062128_G02	oligodendrocytes	2	
906	1772063078_C07	oligodendrocytes	2	
1043	1772060225_B06	oligodendrocytes	2	
1099	1772067070_C09	oligodendrocytes	2	
827	1772063062_G01	oligodendrocytes	2	
1098	1772063064_G09	oligodendrocytes	2	
920	1772062111_B04	oligodendrocytes	2	
712	1772058148_F02	oligodendrocytes	2	
1629	1772063078_G06	astrocytes_ependymal	2	
1118	1772062118_C07	oligodendrocytes	2	
1002	1772060226_D03	oligodendrocytes	2	
1084	1772063062_D10	oligodendrocytes	2	
948	1772063061_C03	oligodendrocytes	2	
1131	1772062128_E09	oligodendrocytes	2	
1028	1772060226_B02	oligodendrocytes	2	
645	1772062116_H06	oligodendrocytes	2	
802	1772062116_E07	oligodendrocytes	2	
1073	1772063062_F08	oligodendrocytes	2	
1058	1772062109_F08	oligodendrocytes	2	
1056	1772060224_A01	oligodendrocytes	2	



















































1195	1772062113_E02	oligodendrocytes	2	
858	1772063074_G07	oligodendrocytes	2	
1108	1772063062_F01	oligodendrocytes	2	
988	1772063063_H08	oligodendrocytes	2	
1144	1772067064_A09	oligodendrocytes	2	
1093	1772063078_D09	oligodendrocytes	2	
905	1772063068_G06	oligodendrocytes	2	
1095	1772063062_D08	oligodendrocytes	2	
829	1772063062_C01	oligodendrocytes	2	
575	1772062111_F07	oligodendrocytes	2	
576	1772067070_A05	oligodendrocytes	2	
1192	1772063070_D05	oligodendrocytes	2	
1094	1772063065_H08	oligodendrocytes	2	
655	1772062113_D01	oligodendrocytes	2	
766	1772062114_F03	oligodendrocytes	2	
921	1772060225_C07	oligodendrocytes	2	
1077	1772063061_D05	oligodendrocytes	2	
816	1772062116_D04	oligodendrocytes	2	
867	1772060240_F02	oligodendrocytes	2	
1173	1772062113_C02	oligodendrocytes	2	
819	1772062113_A02	oligodendrocytes	2	
866	1772063061_D01	oligodendrocytes	2	
609	1772067069_F06	oligodendrocytes	2	
565	1772067070_D08	oligodendrocytes	2	
614	1772063063_C02	oligodendrocytes	2	
1117	1772062111_D09	oligodendrocytes	2	
911	1772063077_E09	oligodendrocytes	2	
1016	1772060226_G05	oligodendrocytes	2	
570	1772063063_C07	oligodendrocytes	2	
989	1772060225_G07	oligodendrocytes	2	
1035	1772060226_B12	oligodendrocytes	2	
1179	1772062111_B07	oligodendrocytes	2	
908	1772062113_A08	oligodendrocytes	2	
607	1772067069_B03	oligodendrocytes	2	
854	1772060240_F04	oligodendrocytes	2	
619	1772060225_E07	oligodendrocytes	2	
699	1772063070_C06	oligodendrocytes	2	
608	1772067074_E07	oligodendrocytes	2	
761	1772062113_B01	oligodendrocytes	2	
1070	1772060225_D09	oligodendrocytes	2	
637	1772062109_A03	oligodendrocytes	2	
774	1772062113_D09	oligodendrocytes	2	
1171	1772062113_D12	oligodendrocytes	2	
668	1772071041_G10	oligodendrocytes	2	
1165	1772062118_G11	oligodendrocytes	2	
901	1772060225_C05	oligodendrocytes	2	
801	1772062116_E08	oligodendrocytes	2	
951	1772062114_B12	oligodendrocytes	2	
936	1772062116_E01	oligodendrocytes	2	
965	1772063079_A12	oligodendrocytes	2	



















































973	1772062114_H04	oligodendrocytes	2	
1143	1772062128_D09	oligodendrocytes	2	
926	1772060240_F10	oligodendrocytes	2	
785	1772058171_D10	oligodendrocytes	2	
938	1772060240_A12	oligodendrocytes	2	
1178	1772062109_H02	oligodendrocytes	2	
571	1772062114_G10	oligodendrocytes	2	
950	1772062115_A06	oligodendrocytes	2	
606	1772063063_E07	oligodendrocytes	2	
656	1772062109_E08	oligodendrocytes	2	
975	1772063064_E03	oligodendrocytes	2	
1159	1772062109_B05	oligodendrocytes	2	
1079	1772063077_A12	oligodendrocytes	2	
811	1772062109_A12	oligodendrocytes	2	
859	1772063063_G02	oligodendrocytes	2	
1129	1772058148_E07	oligodendrocytes	2	
773	1772062113_B04	oligodendrocytes	2	
579	1772060226_F05	oligodendrocytes	2	
877	1772063078_H04	oligodendrocytes	2	
1157	1772062111_C04	oligodendrocytes	2	
823	1772063063_B06	oligodendrocytes	2	
588	1772062115_C01	oligodendrocytes	2	
893	1772062118_B03	oligodendrocytes	2	
1082	1772063071_A05	oligodendrocytes	2	
884	1772063063_B11	oligodendrocytes	2	
581	1772062109_A05	oligodendrocytes	2	
847	1772063062_B04	oligodendrocytes	2	
781	1772062109_A07	oligodendrocytes	2	
879	1772062113_G09	oligodendrocytes	2	
913	1772063074_G04	oligodendrocytes	2	
648	1772062114_B01	oligodendrocytes	2	
612	1772063063_B04	oligodendrocytes	2	
834	1772063063_A12	oligodendrocytes	2	
585	1772063063_F08	oligodendrocytes	2	
654	1772062113_B09	oligodendrocytes	2	
740	1772060240_F06	oligodendrocytes	2	
752	1772060240_B12	oligodendrocytes	2	
825	1772062109_C03	oligodendrocytes	2	
1075	1772062114_C06	oligodendrocytes	2	
686	1772067069_D04	oligodendrocytes	2	
1057	1772060225_C02	oligodendrocytes	2	
1021	1772062114_A06	oligodendrocytes	2	
714	1772067074_D12	oligodendrocytes	2	
732	1772063063_D08	oligodendrocytes	2	
734	1772063063_G10	oligodendrocytes	2	
863	1772062111_E04	oligodendrocytes	2	
891	1772071041_B04	oligodendrocytes	2	
615	1772060240_F11	oligodendrocytes	2	
627	1772060225_H11	oligodendrocytes	2	
1053	1772063077_F04	oligodendrocytes	2	



















































837	1772067069_G04	oligodendrocytes	2	
736	1772062118_C04	oligodendrocytes	2	
681	1772067064_H01	oligodendrocytes	2	
738	1772062109_H04	oligodendrocytes	2	
674	1772067066_B04	oligodendrocytes	2	
598	1772063061_A09	oligodendrocytes	2	
904	1772062118_F10	oligodendrocytes	2	
907	1772063078_B07	oligodendrocytes	2	
694	1772067064_D10	oligodendrocytes	2	
636	1772062111_C08	oligodendrocytes	2	
1047	1772060225_A07	oligodendrocytes	2	
835	1772071014_D12	oligodendrocytes	2	
703	1772067073_C02	oligodendrocytes	2	
693	1772067066_E12	oligodendrocytes	2	
943	1772063061_C05	oligodendrocytes	2	
731	1772067074_F04	oligodendrocytes	2	
735	1772071040_D04	oligodendrocytes	2	
1187	1772063061_F12	oligodendrocytes	2	
1180	1772062111_B10	oligodendrocytes	2	
876	1772062128_A01	oligodendrocytes	2	
729	1772067074_A11	oligodendrocytes	2	
1174	1772062114_A01	oligodendrocytes	2	
754	1772062114_H12	oligodendrocytes	2	
836	1772062109_A09	oligodendrocytes	2	
1245	1772063064_F07	oligodendrocytes	2	
616	1772063063_F05	oligodendrocytes	2	
942	1772062114_D06	oligodendrocytes	2	
723	1772062111_B11	oligodendrocytes	2	
1184	1772063070_C10	oligodendrocytes	2	
1185	1772062111_A07	oligodendrocytes	2	
638	1772062111_C01	oligodendrocytes	2	
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933	1772062111_A12	oligodendrocytes	2	
882	1772063068_D10	oligodendrocytes	2	
775	1772062109_C07	oligodendrocytes	2	
786	1772062109_B01	oligodendrocytes	2	
687	1772058148_A01	oligodendrocytes	2	

582	1772062116_B05	oligodendrocytes	2	
776	1772062109_F01	oligodendrocytes	2	
596	1772062128_B02	oligodendrocytes	2	
1200	1772063079_E09	oligodendrocytes	2	
568	1772063070_G03	oligodendrocytes	2	
592	1772062115_G09	oligodendrocytes	2	
1022	1772060226_C04	oligodendrocytes	2	
634	1772062109_C06	oligodendrocytes	2	
842	1772062109_F04	oligodendrocytes	2	
1031	1772060226_E12	oligodendrocytes	2	
998	1772060226_D11	oligodendrocytes	2	
944	1772060225_F12	oligodendrocytes	2	
1154	1772058177_E04	oligodendrocytes	2	
841	1772062118_H04	oligodendrocytes	2	
700	1772058148_A03	oligodendrocytes	2	
852	1772062118_H10	oligodendrocytes	2	
946	1772062118_E02	oligodendrocytes	2	
935	1772060240_G10	oligodendrocytes	2	
958	1772060225_B12	oligodendrocytes	2	
586	1772060224_G07	oligodendrocytes	2	
979	1772062111_H07	oligodendrocytes	2	
845	1772063063_B10	oligodendrocytes	2	
1127	1772063063_A04	oligodendrocytes	2	
1078	1772062109_D10	oligodendrocytes	2	
1191	1772062109_F12	oligodendrocytes	2	
1152	1772058148_A09	oligodendrocytes	2	
577	1772062111_H05	oligodendrocytes	2	
1197	1772062111_H02	oligodendrocytes	2	
643	1772062109_E07	oligodendrocytes	2	
822	1772063062_H08	oligodendrocytes	2	
647	1772062109_G03	oligodendrocytes	2	
794	1772062114_C07	oligodendrocytes	2	
1130	1772063061_E07	oligodendrocytes	2	
671	1772063070_E07	oligodendrocytes	2	
1023	1772060226_H01	oligodendrocytes	2	
1103	1772062118_D10	oligodendrocytes	2	
737	1772062109_C12	oligodendrocytes	2	
1199	1772063079_D02	oligodendrocytes	2	
675	1772067074_F09	oligodendrocytes	2	
567	1772067074_C07	oligodendrocytes	2	
770	1772062113_A05	oligodendrocytes	2	
1142	1772063063_E05	oligodendrocytes	2	
796	1772062114_B03	oligodendrocytes	2	
984	1772063078_E03	oligodendrocytes	2	
1030	1772060226_C03	oligodendrocytes	2	
1302	1772062128_D02	microglia	1	
1013	1772060226_F08	oligodendrocytes	2	
1140	1772063063_E06	oligodendrocytes	2	
793	1772062118_F02	oligodendrocytes	2	
1134	1772058177_D06	oligodendrocytes	3	

809	1772062113_A01	oligodendrocytes	2	
924	1772063078_F05	oligodendrocytes	1	
787	1772063079_F07	oligodendrocytes	2	
923	1772063062_F03	oligodendrocytes	1	
1090	1772063078_G01	oligodendrocytes	1	
927	1772062116_E04	oligodendrocytes	2	
649	1772062113_H02	oligodendrocytes	2	
