**Parameters:**

* Cell-type specificity determined using 3x enrichment cutoff
* Healthy samples only
* If it says fraction 13 was included, I mean that it was included in the analysis (ex. Fractions 9 and 10 vs. fraction 6, 11, 12, 13)

**Internal Excluding Fraction 13:**

Microglia: 14

* [Q6P589: TNFAIP8L2](https://benchling.com/s/etr-bbbgweiiKmWkimRIbdIq?m=slm-s79zYRUaXV33N1nKA8Ni)(meets criteria in 2/4 individual samples)
* [Q7Z5R6: APBB1IP](https://benchling.com/s/etr-HvrUZgH24YbYEbD74sXu?m=slm-GDVwlOWRUj0wBw3auK6Z) (meets criteria in 1/4 individual samples)
* [Q8WV28: BLNK](https://benchling.com/s/etr-clh1YYZgzCW65wYBCuD3?m=slm-DZ5BbPdBuMUXcIz9gouG) (meets criteria in 0/4 individual samples)
* [Q9NP95: FGF20](https://benchling.com/s/etr-vQUJeBMneUZCjwivvPdS?m=slm-qbjvWMOJGfn8jYd1Wcnj) (meets criteria in 2/4 individual samples)
* [P13995: MTHFD2](https://benchling.com/s/etr-xtAebeE1mLIUhNqyf3dT?m=slm-KMmI5I024mdsH0FX18Zp) (meets criteria in 2/4 individual samples)
* [P23743: DGKA](https://benchling.com/s/etr-aItsPMZBaInB0cEZphnq?m=slm-HJkR49ScZ3HsKuMClv07) (meets criteria in 0/4 individual samples)
* [P31949: S100A11](https://benchling.com/s/etr-IqMLSaep67BV6JZAI7WV?m=slm-00FpmyctwRxp8menJGiP) (meets criteria in 0/4 individual samples)
* [P41218: MNDA](https://benchling.com/s/etr-Z7FAYymO2kTKLFLcmT8n?m=slm-hFVg4EnhdqBE5ESWpULh) (2/4 individual samples)
* [P55008: AIF1](https://benchling.com/s/etr-QhN80aElMt8V1tUZWOiF?m=slm-7CKJGY2m2xrkjJ7u4jEJ) (1/4 individual samples)
* [Q16719: KYNU](https://benchling.com/s/etr-gIMbCyUOfB0EMC7VKoWd?m=slm-hG0wlLbhqMmcnYJHZtdb) (0/4 individual samples)
* [Q6IBS0: TWF2](https://benchling.com/s/etr-Ri8RNbLiw5TUcVggablB?m=slm-J8zFsc9wCN8crc7dzUc5) (1/4 individual samples)
* [Q92835: INPP5D](https://benchling.com/s/etr-VWddeMPE4eMWm9Lea2vE?m=slm-LqgT36LQQyiYkEdg999A) (1/4 individual samples)
* [Q9BXD5: NPL](https://benchling.com/s/etr-OArr0Hq1LHGxI7CQ5Yfv?m=slm-RPlLecrBbYTqMCVXegJb) (0/4 individual samples)
* [Q9Y6U3: SCIN](https://benchling.com/s/etr-N1R9V5cKH2RkMgTJR0Rf?m=slm-xICrjqi6vJEBg9RuCmQF) (1/4 individual samples)

Astrocytes: 3

* [O75528: TADA3](https://benchling.com/s/etr-MetjiibmwLXURyhVj7eT?m=slm-702rUoRX2oQ6EGXE13g2) (2/4 individual samples)
* [P00568: AK1](https://benchling.com/s/etr-UdwzlPIoWHJIlASlUpIY?m=slm-GZO0dVSklKuvbWkCAmd4) (1/4 individual samples)
* [Q99584: S100A13](https://benchling.com/s/etr-kN5Sl8ESEnMOAQajq4Ve?m=slm-ppxCWMrHBTlOd6wIW0OM) (3/4 individual samples)

Oligodendrocytes: 1

* [P09543: CNP](https://benchling.com/s/etr-hF8RDtgNgA2BeGDdtBBT?m=slm-4RiP4kcvCP6vlsPxlC53) (1/4 individual samples)

Neurons: 4

* [P05413: FABP3](https://benchling.com/s/etr-5Ww5RkopasX7xlqVZC8N?m=slm-9LbGu2F4BkjYNoDHxilE) (1/4 individual samples)
* [P61328: FGF12](https://benchling.com/s/etr-RZVex9ypnZJelvSRKAad?m=slm-88Z7UrJqoeqXWczt8dae) (0/4 individual samples)
* [O76039: CDKL5](https://benchling.com/s/etr-Fd1dW2BQ8RN3thjvGg1f?m=slm-YeZcRQYBwjn0TNs7w7bK) (0/4 individual samples)
* [P54577: YARS1](https://benchling.com/s/etr-20YPljsXyGbk4sCzqi7L?m=slm-PnfheGhhXD79E4tkAjZc) (2/4 individual samples)

**Internal Including Fraction 13:**

Microglia: 10

* [Q6P589: TNFAIP8L2](https://benchling.com/s/etr-bbbgweiiKmWkimRIbdIq?m=slm-s79zYRUaXV33N1nKA8Ni) (2/4 individual samples)
* [Q8WV28: BLNK](https://benchling.com/s/etr-clh1YYZgzCW65wYBCuD3?m=slm-DZ5BbPdBuMUXcIz9gouG) (0/4 individual samples)
* [Q92835: INPP5D](https://benchling.com/s/etr-VWddeMPE4eMWm9Lea2vE?m=slm-LqgT36LQQyiYkEdg999A) (1/4 individual samples)
* [Q9NP95: FGF20](https://benchling.com/s/etr-vQUJeBMneUZCjwivvPdS?m=slm-qbjvWMOJGfn8jYd1Wcnj) (2/4 individual samples)
* [Q9Y6U3: SCIN](https://benchling.com/s/etr-N1R9V5cKH2RkMgTJR0Rf?m=slm-xICrjqi6vJEBg9RuCmQF) (1/4 individual samples)
* [P13995: MTHFD2](https://benchling.com/s/etr-xtAebeE1mLIUhNqyf3dT?m=slm-KMmI5I024mdsH0FX18Zp) (meets criteria in 2/4 individual samples)
* [P23743: DGKA](https://benchling.com/s/etr-aItsPMZBaInB0cEZphnq?m=slm-HJkR49ScZ3HsKuMClv07) (meets criteria in 0/4 individual samples)
* [P41218: MNDA](https://benchling.com/s/etr-Z7FAYymO2kTKLFLcmT8n?m=slm-hFVg4EnhdqBE5ESWpULh) (2/4 individual samples)
* [P55008: AIF1](https://benchling.com/s/etr-QhN80aElMt8V1tUZWOiF?m=slm-7CKJGY2m2xrkjJ7u4jEJ) (1/4 individual samples)
* [Q9BXD5: NPL](https://benchling.com/s/etr-OArr0Hq1LHGxI7CQ5Yfv?m=slm-RPlLecrBbYTqMCVXegJb) (0/4 individual samples)

Astrocytes: 3

* [O75528: TADA3](https://benchling.com/s/etr-MetjiibmwLXURyhVj7eT?m=slm-702rUoRX2oQ6EGXE13g2) (2/4 individual samples)
* [P00568: AK1](https://benchling.com/s/etr-UdwzlPIoWHJIlASlUpIY?m=slm-GZO0dVSklKuvbWkCAmd4) (1/4 individual samples)
* [Q99584: S100A13](https://benchling.com/s/etr-kN5Sl8ESEnMOAQajq4Ve?m=slm-ppxCWMrHBTlOd6wIW0OM) (3/4 individual samples)

Oligodendrocytes: 1

* [P09543: CNP](https://benchling.com/s/etr-hF8RDtgNgA2BeGDdtBBT?m=slm-4RiP4kcvCP6vlsPxlC53) (1/4 individual samples)

Neurons: 2

* [O76039: CDKL5](https://benchling.com/s/etr-Fd1dW2BQ8RN3thjvGg1f?m=slm-YeZcRQYBwjn0TNs7w7bK) (0/4 individual samples)
* [P54577: YARS1](https://benchling.com/s/etr-20YPljsXyGbk4sCzqi7L?m=slm-PnfheGhhXD79E4tkAjZc) (2/4 individual samples)

**Transmembrane Excluding Fraction 13:**

Microglia: 10

* [O00220: TNFRSF10A](https://benchling.com/s/etr-R7s7OuTRpRlxLLYWKGXZ?m=slm-2zKw4DamLUdEvzyRvfln) (3/4)
* [O14763: TNFRSF10B](https://benchling.com/s/etr-aM3kXJgCFR4niP8N5tdl?m=slm-VZnu7V6WiHgVATObbFc4) (4/4)
* [P25942: CD40](https://benchling.com/s/etr-zIV3k6F0Bx8yz1o6R565?m=slm-gEOtnhaENgm9mK3MkoWr) (3/4)
* [Q07108: CD69](https://benchling.com/s/etr-NWlPc49QX18KJiNFdFUn?m=slm-jpX3sllAbcYlagUIgE07) (4/4)
* [Q15399: TLR1](https://benchling.com/s/etr-MF644ZQdJiF0UzbUjhbI?m=slm-FUCxIxvQO1KX1nW5VGKi) (2/4)
* [Q15762: CD226](https://benchling.com/s/etr-MuxdFfR9KT8mvNs21Jhl?m=slm-cTzMqvQmYrmP6OT1warf) (0/4)
* [Q86YW5: TREML1](https://benchling.com/s/etr-G3ayHbIRBCFq5efbARFQ?m=slm-5d0qBmDEYmwi9sC3yXri) (1/4)
* [Q9NY25: CLEC5A](https://benchling.com/s/etr-ipcCST0McHHaJ0nbDYL6?m=slm-mlAKwvkMvfvy1drYtK5K) (4/4)
* [Q9P0V8: SLAMF8](https://benchling.com/s/etr-WbJOpSKTiVJz5qufexjX?m=slm-zzEz015g9zqVbzbNk0v4) (0/4)
* [Q9UMR7: CLEC4A](https://benchling.com/s/etr-SJIcNDk3OFCSQjGT3Omw?m=slm-z3dRxY2tnhNG9kkqXSr8) (2/4)

Astrocytes: 1

* [P55283: CDH4](https://benchling.com/s/etr-3JAXdShjInYotrZwyWZa?m=slm-ToXx4UnmhoJ0KtVjS2vl) (0/4)

Oligodendrocytes: 0

Neurons: 4

* [P01732: CD8A](https://benchling.com/s/etr-AFGNyvB8YL6E2D8xDuOC?m=slm-QhX7qxjA8fa4YuawWGoI) (4/4)
* [P08913: ADRA2A](https://benchling.com/s/etr-5WpFVf0TiauVt1TTMM7h?m=slm-pn05tAPprBqOjESf2mfC) (1/4)
* [P17643: TYRP1](https://benchling.com/s/etr-Lzbl5JgpBsHqjDxZ5FyE?m=slm-d1PXY39FjJp0FbmlPL5U) (0/4)
* [Q9NY72: SCN3B](https://benchling.com/s/etr-cdatpjUaFqD0IwLKEXIb?m=slm-jlEx1JDziGVBCXJ14wye) (2/4)

**Transmembrane Including Fraction 13:**

Microglia: 3

* [Q15762: CD226](https://benchling.com/s/etr-MuxdFfR9KT8mvNs21Jhl?m=slm-cTzMqvQmYrmP6OT1warf) (0/4)
* [Q86YW5: TREML1](https://benchling.com/s/etr-G3ayHbIRBCFq5efbARFQ?m=slm-5d0qBmDEYmwi9sC3yXri) (1/4)
* [Q9P0V8: SLAMF8](https://benchling.com/s/etr-WbJOpSKTiVJz5qufexjX?m=slm-zzEz015g9zqVbzbNk0v4) (0/4)

Astrocytes: 1

* [P55283: CDH4](https://benchling.com/s/etr-3JAXdShjInYotrZwyWZa?m=slm-ToXx4UnmhoJ0KtVjS2vl) (0/4)

Oligodendrocytes: 0

Neurons: 4

* [P01732: CD8A](https://benchling.com/s/etr-AFGNyvB8YL6E2D8xDuOC?m=slm-QhX7qxjA8fa4YuawWGoI) (4/4)
* [Q9NY72: SCN3B](https://benchling.com/s/etr-cdatpjUaFqD0IwLKEXIb?m=slm-jlEx1JDziGVBCXJ14wye) (2/4)
* [P17643: TYRP1](https://benchling.com/s/etr-Lzbl5JgpBsHqjDxZ5FyE?m=slm-d1PXY39FjJp0FbmlPL5U) (0/4)

TODO: Replace fraction 6 with fraction 7 and compare outputs

TODO: Fraction 9 or 10 and then ¾ minimum robustness cutoff

TODO: Mean instead of median

Find list of targets that are not specific to any cell types—find targets with low tau scores