

Stanford

Kasper Karlsson

Postdoctoral Research Fellow, Stanford Cancer Center

Bio

PROFESSIONAL EDUCATION

- Master of Science, Royal Institute of Technology (2009)
- Doctor of Philosophy, Karolinska Institutet (2016)

STANFORD ADVISORS

- Christina Curtis, Postdoctoral Faculty Sponsor
- Calvin Kuo, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Organoid Modeling of the Tumor Immune Microenvironment.** *Cell*
Neal, J. T., Li, X., Zhu, J., Giangarra, V., Grzeskowiak, C. L., Ju, J., Liu, I. H., Chiou, S., Salahudeen, A. A., Smith, A. R., Deutsch, B. C., Liao, L., Zemek, et al
2018; 175 (7): 1972
- **Alternative TSSs are co-regulated in single cells in the mouse brain.** *Molecular systems biology*
Karlsson, K., Lönnerberg, P., Linnarsson, S.
2017; 13 (5): 930-?
- **Cancer-specific changes in DNA methylation reveal aberrant silencing and activation of enhancers in leukemia.** *Blood*
Qu, Y., Siggins, L., Cordeddu, L., Gaidzik, V. I., Karlsson, K., Bullinger, L., Döhner, K., Ekwall, K., Lehmann, S., Lennartsson, A.
2017; 129 (7): e13-e25
- **Single-cell mRNA isoform diversity in the mouse brain.** *BMC genomics*
Karlsson, K., Linnarsson, S.
2017; 18 (1): 126-?
- **Amplification-free sequencing of cell-free DNA for prenatal non-invasive diagnosis of chromosomal aberrations** *GENOMICS*
Karlsson, K., Sahlin, E., Iwarsson, E., Westgren, M., Nordenskjöld, M., Linnarsson, S.
2015; 105 (3): 150-158
- **Counting absolute numbers of molecules using unique molecular identifiers** *NATURE METHODS*
Kivioja, T., Vaharautio, A., Karlsson, K., Bonke, M., Enge, M., Linnarsson, S., Taipale, J.
2012; 9 (1): 72-U183