

PacBio, Methylation Detection with PacBio HiFi Sequencing – ASHG 2021
YOUTUBE (Oct. 27, 2021) – URL <https://www.youtube.com/watch?v=rT231BCp6Ro>
at 15:46–16:17
[00:00:07] / CS0457303

Speaker: So in summary, models that integrate kinetic information over multiple bases and passes of a molecule, can provide high precision and recall for 5mC from PacBio HiFi reads, and the single-molecule, single-base methylation calling can reveal both normal and abnormal parental imprinting, including in diseases like Prader-Willi syndrome, there are community standards being developed for epigenetic information, and we'll be looking to adopt those in our tools, and there are tools available to call 5mC that are under development at PacBio and available to early-access collaborators.