

## PCA analysis without cytosines contributing to library differences:

CpGs with a weight on PC2 lying outside 2 standard deviation of the distribution (529 CpGs) were removed from the data, and the PCA remade.

PC1 still explains developmental timepoints,

PC2 and 3 now explain morph differences (which were seen before in PC3 and 4), and the library effect now disappears.