Spectral karyotyping (SKY) reveals a diploid karyotype for hTERT cells. Representative SKY image of a typical mitotic chromosome spread prepared from hTERT cells. Presented are the inverted DAPI image (top left), the raw spectral image (top middle), and the SKY classified image (top right) for the original spread. The classified karyotype is presented (bottom) with the individual chromosome numbers indicated. Each karyotyped chromosome is presented in the 3 formats; inverted DAPI (left), raw spectrum (middle) and SKY classified (right).