FASTQC report values for each paired end SK-N-SHnucleuslongPolyA4. -SK-N-SHnucleuslongPolyA3. -SK-N-SHcytosollongPolyA4. -SK-N-SHcytosollongPolyA3. -NHEKnucleuslongPolyA4. -NHEKnucleuslongPolyA3. -NHEKcytosollongPolyA4. -NHEKcytosollongPolyA3. -MCF-7nucleuslongPolyA4. -MCF-7nucleuslongPolyA3. -MCF-7cytosollongPolyA4. -MCF-7cytosollongPolyA3. K562nucleuslongPolyA2. -K562nucleuslongPolyA1. -K562cytosollongPolyA2. -K562cytosollongPolyA1. -IMR90nucleuslongPolyA2. IMR90nucleuslongPolyA1. -IMR90cytosollongPolyA2. score IMR90cytosollongPolyA1. -FAIL abel HepG2nucleuslongPolyA2. -**PASS** HepG2nucleuslongPolyA1. HepG2cytosollongPolyA2. WARN HepG2cytosollongPolyA1. -HeLa-S3nucleuslongPolyA2. -HeLa-S3nucleuslongPolyA1. -HeLa-S3cytosollongPolyA2. HeLa-S3cytosollongPolyA1. HUVECnucleuslongPolyA4. -HUVECnucleuslongPolyA3. -HUVECcytosollongPolyA4. -HUVECcytosollongPolyA3. H1-hESCnucleuslongPolyA2. -H1-hESCcytosollongPolyA2. -GM12878nucleuslongPolyA2. -GM12878nucleuslongPolyA1. -GM12878cytosollongPolyA2. GM12878cvtosollongPolyA1. A549nucleuslongPolyA4. -A549nucleuslongPolyA3. -A549cytosollongPolyA4. -A549cytosollongPolyA3. -Per base N content 7 Sequence Duplication Levels Per base GC content <sup>–</sup> Kmer Content Per base sequence content Per base sequence quality Per sequence quality scores Sequence Length Distribution Basic Statistics Overrepresented sequences Per sequence GC content

measure