Metric (0,1)-norm. scores Homo sapiens + EBOV 23h 0.73 0.78 0.85 0.63 0.85 Duplication ratio Misassemblies 0.72 0.84 0.90 Number of ambiguous bases 0.72 0.66 0.83 0.77 0.79 Mismatches per transcript 0.63 0.44 0.71 0.88 0.85 0.36 0.35 0.88 0.49 0.13 0.51 0.80 Percentage bases uncovered 0.60 0.61 0.86 0.69 0.87 0.44 Nucleotide F1 Full length transcripts 0.84 0.86 0.49 0.84 0.81 0.60 0.78 Overall mapping rate 0.27 0.17 0.22 0.72 KC score RSEM EVAL 0.31 0.83 0.18 0.38 0.79 0.16 0.52 0.77 Complete BUSCOs 0.81 0.67 Missing BUSCOs Perc95 assembled isoforms 0.79 0.22 0.54 0.78 0.56 0.56 0.25 0.61 Reference coverage 0.51 0.46 0.47 0.47 0.56 0.46 0.11 Transcripts 1000 bp 0.23 0.30 0.13 0.06 0.26 0.39 0.17 0.09 Average alignment length Ex90N50 0.55 0.62 0.21 0.34 0.50 0.15 0.60 0.22 Optimal score 0.51 0.30 0.45 0.58 Mean ORF percentage 0.46 0.46 0.37 0.18 0.30 0.13 Contig F1 0.27 0.27 0.79 0.24 0.25 0.63 0.23 0.44

Bridger Trinity **Oases** SPAdes.rna Trans.ABySS SOAP denovo. Trans BinPacker Shannon SPAdes.sc IDBA.Tran