Pipeline spectrum tracking 4 samples #MS1 Spectra 6k 12k 2k 8k 10k #MS2 Spectra 10k 15k 20k 5k 25k 30k 35k 40k MSGF 10k 15k 30k 20k 25k Comet 5k 10k 15k 20k 25k 30k **#PSMs** from quant. peptides 25k 5k 15k 20k 10k #Peptides quantified 18k 2k 8k 10k 12k 14k 16k 6k