## High throughput pipeline for bulk RNA seq from PAX tube samples

RNA isolation and library prep pipeline

3 weeks for 94 samples from PAX tube RNA extraction to sequencing ready pooled library

pool: 3 weeks QIAsymphony Biomek i7 (72 samples/day) PAX tubes QC of RNA-RNA Library QC of RNA baby PAX isolation Preparation library NEBNext Ultra II Directional with NEBNext Globin & rRNA Depletion Kit extra step possible: Quantification: Clariostar with additional DNase treatment QuantiFluor Quantification: Spectramax in 364-well format Quality: Bioanalyzer DNA High Quality: Bioanalyzer (RNA Nano Kit) Sensitivity

From PAX to

Adjustment of pool