### S3 Table. Economic Comparison of sequencing costs of enriched versus unenriched samples

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| **Characteristic** | **Parameter** | **Unenriched Sample** | **Enriched Sample** |
| **Reads requireda,b** | Total (24x observed enrichment) | 185,254,390 | 7,704,974 |
| On target | 506 | 510 |
| **Costsc** | Enrichment reagents | - | $5 |
| Probe costs ($0.26/probe) | - | $0.52 |
| Library Prep: KAPA kit, $37.50/sample | $37.50 | $37.50 |
| Library QC: Bioanalyzer 2100, $48.87/chip | $4.44 | $4.44 |
| Sequencing: HiSeq (250 bp, paired ends), $3,500/lane | 49% of lane, $1,715 | 2% of lane, $70 |
| Total | $1,756.94 | $117.46 |
| **Time** | Enrich | - | ½ day |
| Library preparation | ½ day | ½ day |
| HiSeq | 3 days | 3 days |
| Total | 3 ½ days | 4 days |

a13x coverage, with 99.99% of bases read ≥2x.

bAssumes optimized cluster densities.

cCosts based on full lane runs, lane/pool costs shared proportionately.