Additional file 2: The composition of the solvent used to produce the Accudenz gradient greatly affects sporozoite recovery.

| | % Recovery | % Recovery | |
|----------|------------|------------|---------|
| Solvent | Trial 1 | Trial 2 | Average |
| Water | 77.8 | 93.2 | 85.5 |
| 0.5x PBS | 27.4 | 24.2 | 25.8 |
| 1.0x PBS | 22.4 | 14.4 | 18.4 |
| 2.0X PBS | 1.4 | 0.9 | 1.15 |

Plasmodium falciparum sporozoites