

Expansion of xGen® Lockdown® Panels with xGen spike-in panels

xGen® Human ID Research Panel (Catalog # 1075702 or 1075703)

xGen® Human mtDNA Research Panel (Catalog # 1075705 or 1075706)

1. Thaw spike-in panel (**Human ID Research Panel** or **Human mtDNA Research Panel**) at room temperature (15–25°C).
2. Mix thoroughly and centrifuge briefly to collect all material at the bottom of the tube.
3. Mix 2 µL of the desired spike-in panel with 4 µL of your main panel.
4. Mix thoroughly by pipetting up and down several times. Centrifuge briefly.
5. Add 6 µL of combined probe solution to the capture reaction in Step C.5 of the xGen Lockdown Probes and Panels protocol, *Hybridization capture of DNA libraries using xGen Lockdown Probes and Reagents, v3**. **The final volume for the capture will be 19 µL.**
6. Continue from Step C.6 of the protocol, *Hybridization capture of DNA libraries using xGen Lockdown Probes and Reagents, v3**.

* For use with xGen Universal Blockers—TS Mix (Catalog # 1075474, 1075475, and 1075476). For target capture protocols using other blocking oligo formulations or Ion Torrent libraries, visit www.idtdna.com/xgen or email applicationsupport@idtdna.com.

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