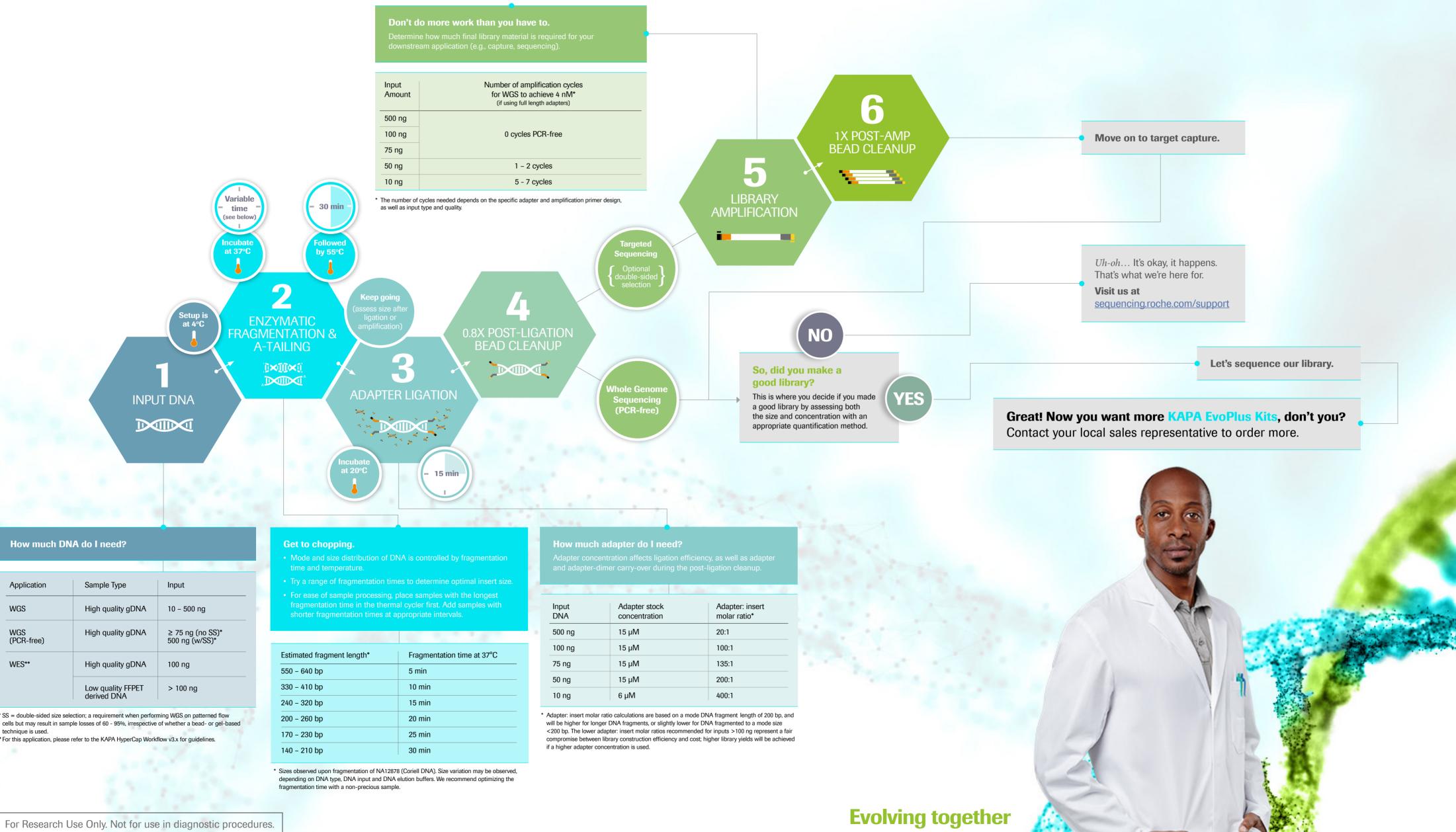
KAPA EvoPlus Kits Guide to Success

Streamlined sample prep workflow using the next generation of KAPA DNA Library Prep Reagents.



* SS = double-sided size selection; a requirement when performing WGS on patterned flow cells but may result in sample losses of 60 - 95%, irrespective of whether a bead- or gel-based technique is used. ** For this application, please refer to the KAPA HyperCap Workflow v3.x for guidelines.

| | Estimated fragment length* | Fragmentation time at 37°C |
|--|----------------------------|----------------------------|
| | 550 – 640 bp | 5 min |
| | 330 – 410 bp | 10 min |
| | 240 – 320 bp | 15 min |
| | 200 – 260 bp | 20 min |
| | 170 – 230 bp | 25 min |
| | 140 – 210 bp | 30 min |
| | | |

| Input DNA | Adapter stock concentration | Adapter: insert molar ratio* | |
|--------------|-----------------------------|------------------------------|--|
| 500 ng | 15 μM | 20:1 | |
| 100 ng | 15 μM | 100:1 | |
| 75 ng | 15 μM | 135:1 | |
| 50 ng | 15 μM | 200:1 | |
| 10 ng | 6 µM | 400:1 | |





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