



## GENOMIC ENRICHMENT OPTIMISED FOR NEXT GENERATION SEQUENCING

### Full Service Solution with NimbleGen Sequence Capture

NimbleGen Sequence Capture is a revolutionary way to perform targeted sequencing with next generation technology. Sequence Capture arrays enable the selective enrichment of genomic regions from full-complexity genomic DNA. The method is applicable to large contiguous or non-contiguous genomic regions, whole exomes, or any other targeted regions you want to resequence.

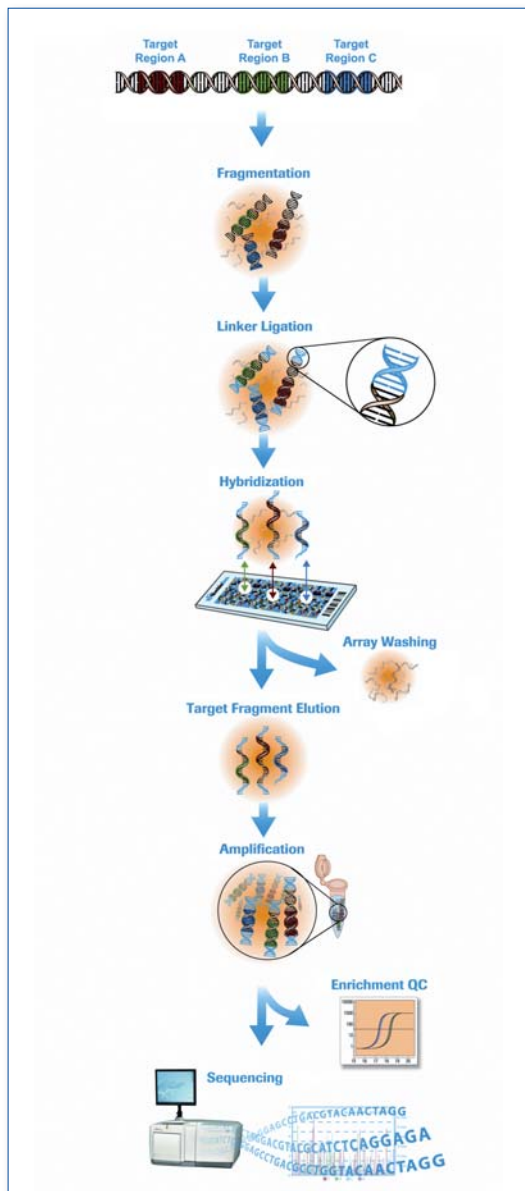
#### Advantages

- Target any region of interest
- High level of specificity and uniformity of data
- Improved coverage in repetitive regions
- Easy detection of small indels and sequence variants
- Save time and cost

Eurofins MWG Operon as a certified service provider combines powerful sequencing solutions with Sequence Capture to provide a seamless workflow for your resequencing studies.

Eurofins MWG Operon is the first Certified Service Provider (CSP) for NimbleGen Sequence Capture in Europe.

# The NimbleGen Sequence Capture Protocol



1. The customer defines the target region and respective capture array
2. The genomic DNA sample is fragmented
3. Linkers are ligated to the fragments
4. The sample is hybridised to a NimbleGen Sequence Capture array
5. Unbound fragments are removed
6. The target-enriched pool is eluted and amplified
7. The enriched sample is ready for Next Generation Sequencing
8. Data are delivered to the customer

## Any Questions?

Feel free to contact our customer support team if you need any assistance.



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### Our official business hours are:

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