



Next-Generation Sequencing



# 16s Metagenomic Sequencing starting at RM1xxx per sample now!

Promotion valid from 1<sup>st</sup> Jul – 30<sup>th</sup> Sep 2015



*NGS technologies can be used to investigate microbial communities by sequencing the marker gene 16s with a shorter turnaround time.*



	 <b>Roche 454 FLX</b>	 <b>MiSeq</b>
<b>Read Length</b>	Up to 500bp	2 x 300bp
<b>Amplicon Library Preparation</b>	✓ 16s region at a. v1-v3 OR b.v3-v5	✓ 16s region at a. v1-v3 OR b.v3-v5
<b>BLAST to SILVA</b>	✓	✓
<b>Global Alignment</b>	✓	✓
<b>Taxonomic Assignment</b>	✓	✓
<b>Advanced analysis: OTU (Operational Taxonomic Unit)</b>	✓	✓
<b>Number of reads</b>	~8,000 to 10,000 of reads per sample	~2 to 3 Million of reads per sample
<b>Turnaround Time</b>	8 to 10 weeks	8 to 10 weeks

Contact our Product Specialist for more information today.