



## Cost specification Pacific Bioscience

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### Appendix\_1\_MRyberg\_3426

**Created on:** Nov 14 - 2016  
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**Project code:** MRyberg\_3426  
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**Project** Africa soil transect sequencing

Reagent Cost PacBio		Price / Unit (EUR)	Units	Cost (EUR)
<b>Fragment library</b>				
SMRTbell Template Prep Kit 1.0 (500bp-20kb)	<i>Cost per library</i>	247	4	988
Barcoded adaptors	<i>Cost per library</i>	11	0	0
AMPure PB	<i>Cost per library</i>	22	4	88
<b>QC and Size Selection</b>				
Agilent Bioanalyzer Chip	<i>Two per library</i>	38	4	152
Consumables tubes, tips	<i>Cost per library</i>	13	2	26
<b>Sequencing Reagents</b>				
SMRT cell	<i>Per SMRT cell</i>	152	4	608
DNA/Polymerase Binding Kit P6 v2	<i>Per SMRT cell</i>	13	4	52
MagBead Kit v2	<i>Per SMRT cell</i>	77	4	308
DNA Internal Control Complex (P6)	<i>Per SMRT cell</i>	13	4	52
DNA Sequencing Bundle 4.0 v2	<i>Per SMRT cell</i>	43	4	172
Sample Plate Septa	<i>Per run</i>	25	0,5	12,5
Sample Plate	<i>Per run</i>	10	0,5	5
Mixing Plate	<i>Per run</i>	23	0,5	11,5
Pipet Tips	<i>Per run</i>	1	0,5	0,5
<b>Reagent cost in EUR</b>				2475,5
FALCON assembly 10-500 Mb	<i>Per assembly</i>	1600	0	0
FALCON assembly 500 Mb - 5 Gb	<i>Per assembly</i>	2200	0	0
Work hour cost*	<i>Per hour</i>	45	0	0
Instrument related cost	<i>Per SMRT cell</i>	62	0	0
Additional cost (external disc)		200	0	0
<b>TOTAL PROJECT COST IN EUR</b>				2475,5

\* Work hour cost is covered by VR / National Genomics Infrastructure (NGI) and SciLifeLab