

### Comparison of yield and purity of DNA obtained from *Streptomyces lavendulae*

№	Name of Sample	Method	?		Qubit			Nanovue		Disadvantage
			Yield of DNA (ng/μl)	DNA Purity [A <sub>260</sub> /A <sub>280</sub> ]	QF value	Yield of dsDNA [ng/μl]	Total yield of dsDNA [μg]	Yield of DNA [ng/μl]	DNA Purity [A <sub>260</sub> /A <sub>280</sub> ]	
1	R5p1	Promega	1199.57	2.13	88.6	17.72	3.544	124	1.681	RNA contamination
2	R5p2		1025.48	2.05	84.7	16.94	3.388	11	1.584	
3	P5ps1	Sigma-Aldrich	120.33	2.00	68.6	13.72	2.744	254	1.728	-
4	P5ps2		115.16	1.97	78	15.6	3.12	216	1.815	
5	R5s1	Phenol-Chloroform	450.53	1.95	452	90.4	18.08	205	1.694	<b>Phenol</b> extraction
6	R5s2		536.56	1.92	479	95.8	19.16	340	1.709	

