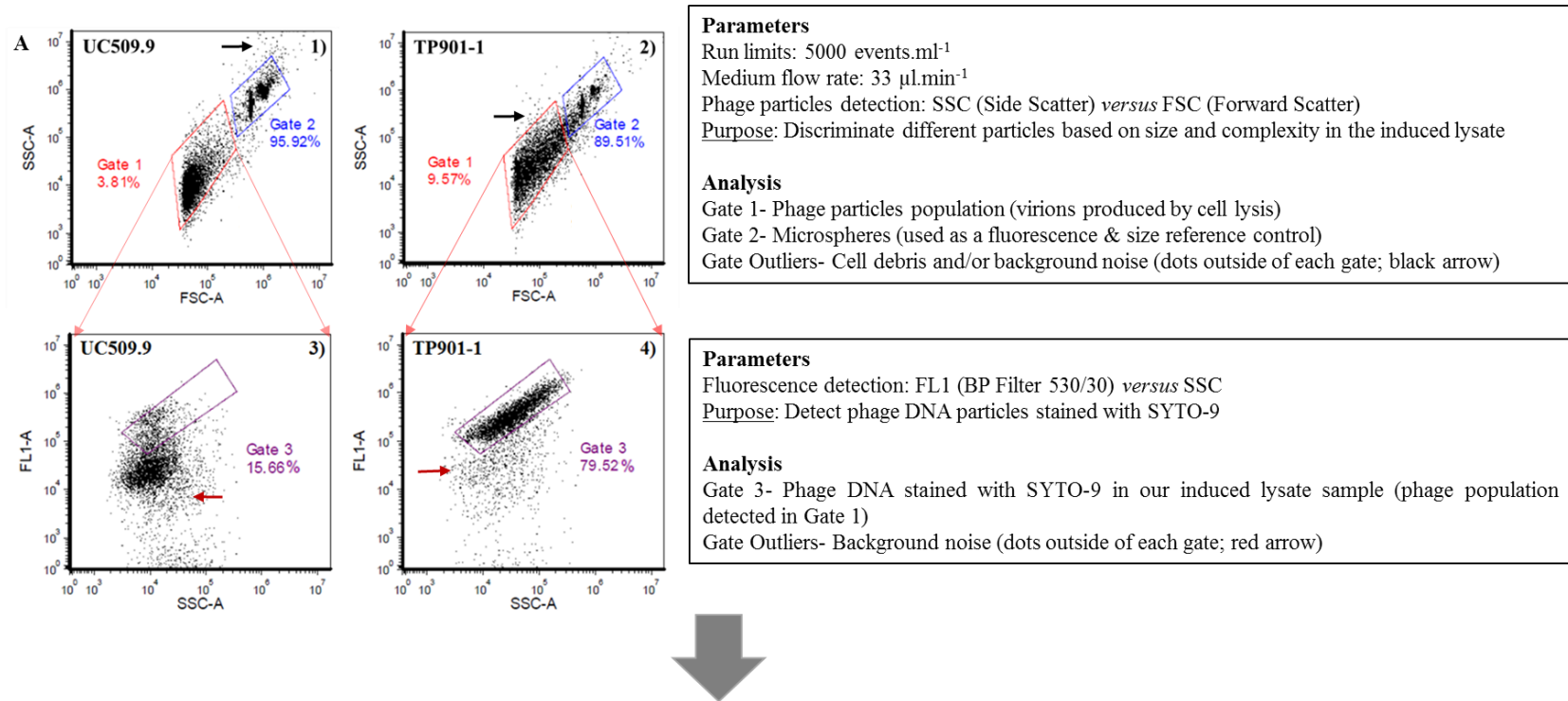


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# UCC

**University College Cork, Ireland**  
Coláiste na hOllscoile Corcaigh



		Flow cytometry analysis				
		% of events (SSC <i>versus</i> FSC)			% of fluorescence (FL1 <i>versus</i> SSC)	
<i>L. lactis</i> strains	Features	Sample population	Beads	Cell debris/ noise	Phage particles	Background noise
		Gate 1	Gate 2	Outliers of Gates 1 & 2	Gate 3	Outlier of Gate 3
UC509.9	No prophage released (negative control)	6.73 ± 2.07	92.93 ± 2.12	0.34 ± 0.05	16.33 ± 3.76	83.67 ± 3.76
NZ9000 (TP901-1 <i>erm</i> )	TP901-1 <i>erm</i> prophage (positive control)	10.98 ± 1.13	87.97 ± 1.26	1.05 ± 0.15	80.60 ± 2.39	19.39 ± 2.39

**Figure S1.** Schematic representation of the flow cytometry parameters, analysis and general results for the two *L. lactis* control strains. BD Accuri<sup>TM</sup> C6 flow cytometer was used for the implementation of the correct parameters to detect and enumerate phage DNA particles stained with SYTO-9 dye. (A1 and A3): Cytoprams of 3 μg.ml<sup>-1</sup> MmC-treated *L. lactis* UC509.9 (prophage-free lactococcal strain used as negative control); (A2 and A4): Cytopram of 3 μg.ml<sup>-1</sup> MmC-treated *L. lactis* NZ9000 TP901-1*erm* (lactococcal strain harbouring the TP901-1 prophage used as a positive control).