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(54) Title: NON-REPLICATIVE TRANSDUCTION PARTICLES WITH ONE OR MORE NON-NATIVE TAIL FIBERS AND TRANSDUCTION PARTICLE-BASED REPORTER SYSTEMS

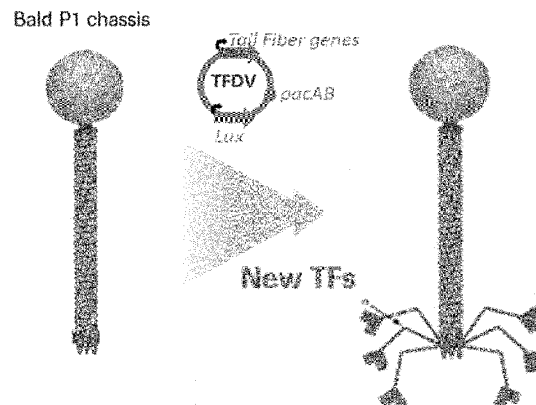


FIG. 1

(57) Abstract: The present invention relates to compositions comprising and methods of producing genetically engineered bacteriophages, bacteriophage-like particles and non-replicating transduction particles (NRTPs) that contain non-native tail fibers that display altered host specificity and/or reactivity. The present invention also relates to methods of using these bacteriophages and NRTPs for the development of novel diagnostics, therapeutics and/or research reagents for bacteria-related diseases.

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