

Title (en)
HIGH RESOLUTION SYSTEMS, KITS, APPARATUS, AND METHODS FOR BACTERIAL COMMUNITY RELATIONSHIP DETERMINATION AND OTHER HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS

Title (de)
HOCHAUFLÖSENDE SYSTEME, KITS, VORRICHTUNGEN UND VERFAHREN ZUR BESTIMMUNG VON BEZIEHUNGEN VON BAKTERIENGEMEINSCHAFTEN UND ANDEREN MIKROBIOLOGISCHEN ANWENDUNGEN MIT HOHEM DURCHSATZ

Title (fr)
SYSTÈMES, KITS, APPAREIL ET PROCÉDÉS À HAUTE RÉOLUTION POUR DÉTERMINATION DE RELATION COMMUNAUTAIRE BACTÉRIENNE ET AUTRES APPLICATIONS DE MICROBIOLOGIE À HAUT DÉBIT

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Application
EP 17857449 A 20170928

Priority
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Abstract (en)
[origin: WO2018064385A1] A method is provided for analyzing a sample including a population of biological entities using at least one microfabricated device. A plurality of the microwells on the microfabricated device are each uniquely indexed, and loaded with a sample such that at least some microwells each include more than one cell of a biological entity. The microfabricated device was incubated at predetermined conditions, and a selected genetic material of the cells of the biological entities obtained from the incubation is amplified to obtaining amplicons. An aggregate of the amplicons are sequenced obtain sequencing data, based on which and the indexing of the microwells, an identification of the biological entities present in each of the plurality of microwells is obtained. Such identification can then be used to determine a relationship between different types of biological entities in the sample.

IPC 8 full level
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Designated contracting state (EPC)
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