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(54) Title: GENOMIC PROFILING: A RAPID METHOD FOR TESTING A COMPLEX BIOLOGICAL SAMPLE FOR THE PRESENCE OF MANY TYPES OF ORGANISMS

(57) Abstract: The invention provides a method, referred to as genomic profiling, which simultaneously scans a complex biological sample for the presence of nucleic acid sequences (including genomic difference sequences, group-specific sequences, and DNA polymorphisms) that are diagnostic of numerous different types of organisms. Also included in the invention are probes, detection ensembles, and related molecules for use in the methods of the invention.