

Title (en)
SYSTEM AND METHOD FOR GENOMIC AND PROTEOMIC HUMAN DISEASE ASSESSMENT VIA EXPRESSION PROFILE COMPARISON

Title (de)
SYSTEM UND VERFAHREN ZUR GENOMISCHEN UND PROTEOMISCHEN BESTIMMUNG VON MENSCHLICHEN ERKRANKUNGEN DURCH EXPRESSIONSPROFILVERGLEICH

Title (fr)
SYSTEME ET PROCEDE D'EVALUATION GENOMIQUE ET PROTEOMIQUE D'UNE MALADIE HUMAINE PAR COMPARAISON DE PROFILS D'EXPRESSION

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Abstract (en)
[origin: WO0116859A2] A system and method of genomic and proteomic animal disease assessment via expression profile comparison whereby a baseline expression profile is created by a user by depositing a biological sample on an analysis device. The biological information is read on an analysis device reader and transmitted to an analysis center where it is stored. The user deposits subsequent biological samples, which are compared to the stored sample that is originally taken. The analysis center compares the initial expression profile with subsequent expressions profiles to determine the health of the source of the sample. The biological sample can be from animals. The analysis device reader can be a wired or wireless device connected to a personal computer which in turn is connected to the Internet. In an alternate embodiment, the analysis device reader is in a cellular type telephone for wireless transmission. In yet another embodiment, the analysis device reader is in a kiosk which dispenses analysis devices and where it can be used by anyone with a credit token. Interpreted information is then returned to the appropriate person with advice on the meaning of the interpreted results, other sources of expert assistance and counseling where necessary.

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