

An idea for services located between genome owner(s) and third party companies that provides services like genome analysis.

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Price for genome scan goes down rapidly, we need to recognize that genome information will soon be 'new intimacy' as it comes with unbelievable amount of information about us, our predecessors and our successors.

I expect growing demand for genome safety and anonymity.

My experience says that companies are crazy about genome safety so much that it stops their business from evolve.

Right tools needs to be provided to make genomics analysis business growth.

GenomeMarketplace

service for easy exchange genomes and its meta-information; for free, for croudfounding and/or refunding costs

GenomeMeta

provides a way to store additional data/meta information within genome(s)

GenomeTracker

scans Internet for genome files that should never leak to the Web

GenomeLegal

provides legal tools/services

one of them can be an 'option on your own genome' that you can buy to secure situation when you are not planning to sequence yourself yet but definitely you want to say that your genome is only yours

GenomeBank

allows to associate genome file (hosted at GoogleDrive, DropBox, ...) with our company (for later ability to use it within our services or services provided by third party companies)

provides ability to upload genome file that will be hosted in an extremely safe way (like: encrypted and split between different clouds)

GenomeReductor

provides ability to reduce genome file because not the whole file is always needed to perform analysis over it

GenomeSigner

provides ability to sign genome (mofidy the file in a way that no DNA rules will be violated)

provides ability to create hash sum on genome file, client should be notified once file with the same hash sum was found on the Internet (as it probably leaked from some company while it shouldn't)

GenomeBroker

provides ability to share genome file with third party companies and thier services

provides ability to download a genome file

provides ability to generate a http link with many constraints/limitations and backtracking, link can be used to download genome file

GenomeComputation

according to legal limitations (like geolocation, filled by genome owner while placing file in the GenomeBank) computation over file needs to be done in a way that does not break any rules

any analysis made over file limited - for example - to US, should be made in US and that would be the responsibilit of this product

GenomeAnonymizer

provides ability to anonymize genome file so it can be later shared with other companies/services in an anonymouse way, also results of their analysis have be put back here (so the client can check them later and still be anonymouse for the company that did analysis)

GenomeAuth

some external website can request for an access to genome file

similarly as in OAuth2 popup window is shown and user can review what was requested

additionally user can add more constraints like where file should be processed, when access expires, ...

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