LifeQuest

Take your prior art searches beyond keywords

Integrate Text and Sequence Searches

Prior art searching in the life sciences is complicated. With over 13 million worldwide patent applications, and many different platforms for both sequence and keyword searching, finding the most accurate, relevant hits is challenging. Different user interfaces & output formats, weak cross-platform integration, and the limitations of strict Boolean search algorithms mean valuable time is spent cross-checking and re-analyzing the same pieces of information. With **LifeQuest**, you can leverage the power of the only patent search platform that is specific for the life sciences.

You Know GenomeQuest as a Leader in Sequence Searching

GenomeQuest's **GQ-Pat Platinum** collection comprises non-ST.25 documents from major authorities such as US, EP, WO, JP, KR, BR, IN, CN, and RU - for a total of over 620,000 patent documents. This means over 285 million sequences at your fingertips: from sequence listings, as well as abstracts, descriptions, tables, figures, and examples. Customers not requiring emerging countries can still leverage the same powerful algorithms with **GQ-Pat Gold+**, which includes US, WO, EPO, and JP non-ST.25 documents. Each sequence is manually curated for the highest accuracy, and leverages GenomeQuest's exclusive inclusion of extended legal status, legal status national phase, unique family sequence, normalized patent assignee, and normalized parent statuses, to create the most meaningful results for your reports.

Introducing LifeQuest - The Solution for Semantic Keyword and Life Science Ontology Searching

Specific for Life Sciences

Relevant documents & search strategies that avoid false hits in unrelated fields

Accurate

Dynamic access to the ontology search terms and synonyms in life science patents

Efficient

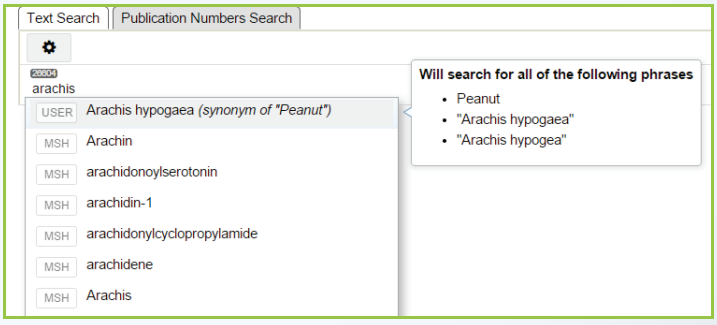
Elegant, fast, user-centered experience designed to save time & resources in searching

Non-Redundant

Tight integration of keyword, synonym, ontology, and sequence searching

Cost Effective

Fewer platforms (and subscriptions) needed to get the most relevant, accurate information



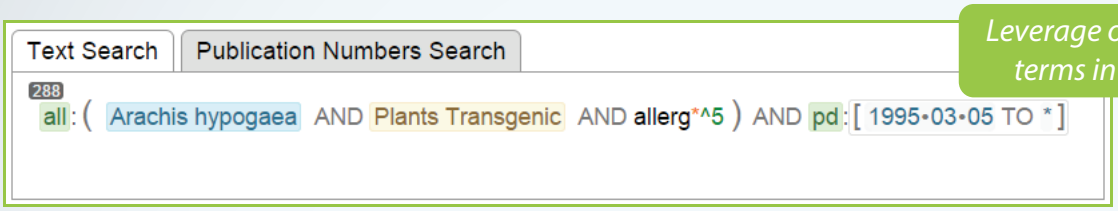
As you begin typing your query, suggested matching terms appear based on the ontologies you choose. Synonym phrases are included, and you can even create customized terms for your specific needs.

GenomeQuest

Case Study

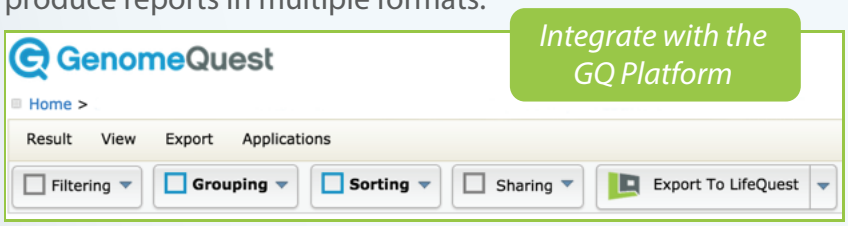
Obstacles in prior art searches in the life sciences include variable spellings, life science-specific ontological terms, false positives, and irrelevant results. With variable patent authority coverage and lack of life science specificity, other platforms can return irrelevant or incomplete results.

For example, different sequence and keyword searches for prior art on "transgenic hypoallergenic peanuts via modification of *ara h 1* genes" across multiple platforms yields a range of 28 to >1000 sequence hits, and 13 to 53,700 keyword hits. **LifeQuest** + **GenomeQuest** return accurate results:



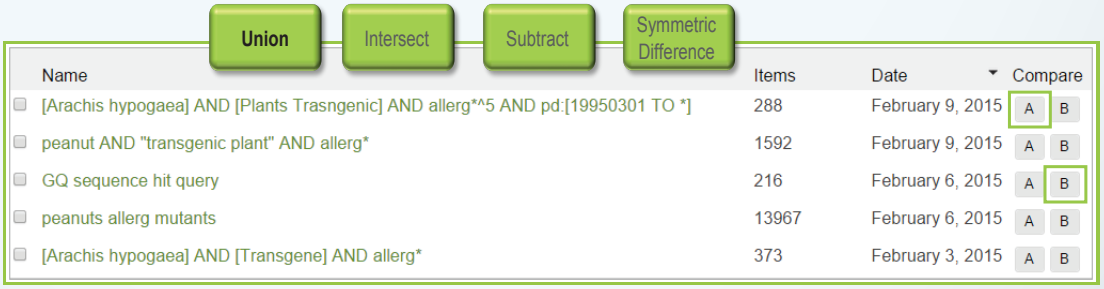
By utilizing life science specific ontologies (such as "transgenic plants") and developing custom synonym lists (for the genus and species of peanut - often misspelled, often with aliases) that are significant for your specific search, you can create a highly specific query that will return the most pertinent prior art documents. You can further refine by boosting a term's importance (*e.g.*, "allergenic" and its variants are five times more important than "transgenic plants"). A preview of the number of hits appears above the query in real time, so you can quickly determine which search strategies are most effective.

Color code results based on your own criteria, rank hits for relevance, preview documents, link out to USPTO and other authorities, view the PDF, and produce reports in multiple formats.



Sequence hits for the *Arachis hypogaea ara h 1* gene CDS on the **GenomeQuest** platform can easily be exported to **LifeQuest**, for workfile comparison with text search queries.

The Union set operation between the text and sequence search workfiles creates a single, complete framework for analysis.



Prior art searching in the life sciences requires more than simple keywords and Boolean syntax. Leverage the life science specific semantic and ontology capabilities of **LifeQuest**.

For more information about the LifeQuest and GenomeQuest platforms, call +1 508 616 0100 or email sales@genomequest.com

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