

## Sequence Search Strategy

S.No.	Database	Sequence Query	Key Words (to restrict unrelated patents)	Hits
1	NCBI (Blast)	<ul style="list-style-type: none"> <li>• HSL protein</li> </ul>	<ul style="list-style-type: none"> <li>• diabetes</li> <li>• NIDDM</li> <li>• IDDM</li> <li>• T2DM</li> </ul>	13
2	NCBI (Blast)	<ul style="list-style-type: none"> <li>• HSL mRNA</li> </ul>	<ul style="list-style-type: none"> <li>• diabetes</li> <li>• NIDDM</li> <li>• IDDM</li> <li>• T2DM</li> </ul>	19
3	DGENE (Blast search)	<ul style="list-style-type: none"> <li>• HSL protein</li> <li>• HSL mRNA</li> </ul>	<ul style="list-style-type: none"> <li>• diabetes</li> <li>• NIDDM</li> <li>• IDDM</li> <li>• T2DM</li> </ul>	61
4	PCTGEN (Blast search)	<ul style="list-style-type: none"> <li>• HSL protein</li> <li>• HSL mRNA</li> </ul>		83
<ul style="list-style-type: none"> <li>• In NCBI got 16 relevant patents.</li> <li>• In DGENE got 42 relevant patents.</li> <li>• In PCTGEN got 16 relevant patents.</li> </ul>				