

2. ÊÒÃà¼ÁÓÁÙÀ¼èÒÊÙ\$ (High Value Chemicals)

ÁÔ;ÒÃ´Óà´Ô¹\$Ô¹ÇÔ´ÑÁà¼×èíãËéà;Ô´Í\$¼¼ÇÒÁÁÙéà;ÔèÁÇ;ÑºÊÒÃà¼ÁÓÁÙÀ¼èÒÊÙ\$ã¹ÊÒËÃèÒÁËä»ÁÙÁÔ¹èÒ á´ÁËÖ;ÉÔ
àºè¹ ÁÔ»Ô´ËÃ×í GLA ä; â¼ä«ÁÒ¹Ô¹ áÁÐà¼ÁÔá«¼¼ÒäÁ´í´Ò;ÊÒËÃèÒÁËä»ÁÙÁÔ¹èÒ ÁÇÁ¶Ö\$;ÔÃËÖ;ÉÔ¼ØºËÁºÑµÔ;ÒÁà»

3. ;ÒÃËÖ;ÉÔ´éÒ¹ªÖÇáÁàÁ;ØÁ (Molecular biology)

ÁØè\$à´é¹ãËéà;Ô´¼ÇÒÁÁÙé¼ÇÒÁà¼éÒã´´éÒ¹ËÃÖÇÔ·ÁÒ¼Í\$ÊÒËÃèÒÁËä»ÁÙÁÔ¹èÒ ÁÇÁ¶Ö\$;Áä; ;ÒÃ¼Çº¼ØÁ áÁÐ;ÒÃËÑ\$
Proteomic Genomic áÁÐ In silico Spirulina modeling

;ÒÃ¶èÒÁ·Í·à·¼á¹áÁÃÖ

à·¼á¹áÁÃÖ;ÒÃà¼ØÐàÁÔéÁ\$ áÁÐ;ÒÃÍ;áººÁÐºº

;ÁÐºÇ¹;ÒÃË;Ñ´ÊÒÃà¼ÁÓÁÙÀ¼èÒÊÙ\$´Ò;ÊÒËÃèÒÁËä»ÁÙÁÔ¹èÒ

;ÒÃºÃÔ;ÒÃ

ãËéºÓ»ÃÖ;ÉÒ

ºÃÔ;ÒÃµÃÇ´ÇÒà¼ÒÐË;¼ØººÀº¼ÊÒËÃèÒÁ

“Ñ½ÖjÍÁÁáè¹ÑjÇÔªÖjÖÁ ÀÒªáíª¹ ÁÇÁ.Ñé§ºØªªÁ.ÖèÊ¹ã¨à.ª¹Òª áÁÐËÁÑj;ÖÁj;ÖÁà¼ÒÐàÁÖéÁ§

ÈÖËÄèÒÁËä»ÄÙÁÔ¹èÒ (ÍÒÃiã,ÄËä»ÄèÒ)

Ë¹Ñ§Ë×íËÈÖËÄèÒÁËä»ÄÙÁÔ¹èÒ (ÍÒÃiã,ÄËä»ÄèÒ) ÁÔà¹×éíËÒ´éÒ¹ªÇÒÁÁÙé.ÑèÇä»àj;ÖèÁÇj;ÑºËÈÖËÄèÒÁËä»ÄÙÁÔ¹èÒ áÁ
ÍÒËÖÁËÑµÇi áÁÐËÈè§áÇ´ÁéíÁ ÁÇÁ.Ñé§àj;±iÁÔµÁºÒ¹ªÇÒÁ»Áí´ÁÑÁçí§ÈÖËÄèÒÁËä»ÄÙÁÔ¹èÒ

á»ÁáÁÐàÁÖÁºàÁÖÁ§á´Á ÁÑµ¹Ò ºÑÁj;ÁéÒÈÒ-, ºÑºÁÒÁÁ³i ºÖÁÐËÈÇÇÁ³ áÁÐËÈ.ºØÉÁÒ ºØ¹¹Òª

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ÁÒªÒ 130 ºÒ.

j;ÖÁËÑè§«×éí ÁÒÁÁÐàíÖÁ´

¼Á§Ò¹

j;ÖÁ¨¨ËÒ, ÔºÑµÃ

ª×éí¼Á§Ò¹: j;ÖÁ¼Ñ²¹Öj;ÁÐºÇj;ÖÁËÄèÒ§j;Á´ªçÁÑ¹.ÖèÁÔº¼Ñ¹, ÐªÙèËÈÒÁ¼Ñ¹, Ðã¹áÁáÁj;ØÁ, gamma-linolenic acid ËÄ×í GLA áÁ
¹ÔÇªÁÖáíã.´iáÁÐÁÓ´Ñºj;Á´ÍÐÁÔá´çí§ÁÔ¹à´ÁµéÒ 6-´ÖáË..ÙàÁË (delta 6- desaturase) áÁÐÁÔ¹ à´ÁµéÒ 12-´ÖáË..ÙàÁË (delta 12-
(Spirulina platensis) ã¹à«ÁÁiÁÖËµi Saccharomyces cerevisiae

¼Ùé»ÁÐ´ÓÉºi: ¹Ë. ¼ÖÁ´Ò ¼ÁËÁÁÔà¹µÃ, ¹Ë. ÍÀÖÁ´Ö Ë§Ëi.Í§, ¹Ë. ÀÒÇÓ³Ö àj;Ö´Á.Öi, Ms. Sanjukta Subudhi, ¹Ò§ ËØÀÒÁÁ³i

Á×è¹¨¨á¹»ÁÐà.Ëä.Á àÁ×èíµØÁÒªÁ 2549

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