

## Appendix VI

### Mascot search result

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 1  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM1\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:32:25 GMT  
Significant hits: [Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv029997](#) ChTU502\_VI\_AAEL01000412-6-4181-2772  
[Liv078348](#) CpIOWA\_VII\_AAEE01000001-5-912409-906584  
[Liv066193](#) CpIOWA\_I\_AAEE01000006-1-689587-693966

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 2  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM2\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:34:15 GMT  
Significant hits: [Liv082706](#) CpIOWA\_VI\_AAEE01000002-5-410599-405713  
[Liv080932](#) CpIOWA\_VI\_AAEE01000002-3-1205952-1209806  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv009982](#) ChTU502\_IV\_AAEL01000089-5-11713-7199

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 3  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM3\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:34:50 GMT  
Significant hits: [Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv037328](#) CpGSS\_AJ562850-2-2-316  
[Liv016773](#) ChTU502\_VIII\_AAEL01000030-4-31138-28631  
[Liv021355](#) ChTU502\_VII\_AAEL01000004-1-14968-18300

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 4  
MS data file : Z:\sanya\LTQ\sanya\_080305\LMC4\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:35:45 GMT  
Significant hits: [Liv075751](#) CpIOWA\_VII\_AAEE01000001-2-69197-74260  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv021993](#) ChTU502\_VII\_AAEL01000011-3-34164-34895

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 5  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM5\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:37:04 GMT  
Significant hits: [Liv082706](#) CpIOWA\_VI\_AAEE01000002-5-410599-405713  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv062659](#) CpIOWA\_IV\_AAEE01000008-3-347115-348740  
[Liv075751](#) CpIOWA\_VII\_AAEE01000001-2-69197-74260  
[Liv031921](#) ChTU502\_V\_AAEL01000070-1-14194-16635

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 6  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM6\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:37:32 GMT  
Significant hits: [Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv083054](#) CpIOWA\_VI\_AAEE01000002-5-840649-839330  
[Liv027332](#) ChTU502\_VI\_AAEL01000052-6-12574-11051  
[Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv031510](#) ChTU502\_V\_AAEL01000019-5-3164-2355  
[Liv027639](#) ChTU502\_VI\_AAEL01000060-5-17973-16738

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 7  
MS data file : Z:\sanya\LTQ\sanya\_080305\LMC7\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:38:48 GMT  
Significant hits: [Liv084202](#) CpIOWA\_VI\_AAEE01000014-4-51883-50477  
[Liv090489](#) CpIOWA\_EAK90448  
[Liv086372](#) CpIOWA\_V\_AAEE01000007-4-736744-735611  
[Liv032774](#) ChTU502\_V\_AAEL01000266-5-4639-3506

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 8  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM8\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:39:35 GMT  
Significant hits: [Liv082706](#) CpIOWA\_VI\_AAEE01000002-5-410599-405713  
[Liv076894](#) CpIOWA\_VII\_AAEE01000001-4-1004600-1003449  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 9  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM9\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:40:23 GMT  
Significant hits: [Liv082706](#) CpIOWA\_VI\_AAEE01000002-5-410599-405713  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178  
[Liv016843](#) ChTU502\_VIII\_AAEL01000033-2-16436-20401

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 10  
MS data file : Z:\sanya\LTQ\sanya\_080305\LCM10\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:41:04 GMT  
Significant hits: [Liv091042](#) CpIOWA\_EAK89989  
[Liv000072](#) CpEST\_AA167894-1-1-540  
[Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv082577](#) CpIOWA\_VI\_AAEE01000002-5-178939-177956

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 19  
MS data file : Z:\sanya\LTQ\Sanya\_090305\LCM19\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:43:14 GMT  
Significant hits: [Liv029487](#) ChTU502\_VI\_AAEL01000265-3-2571-7445  
[Liv030018](#) ChTU502\_VI\_AAEL01000415-6-2584-1178

User : zonaed siddiki  
Email : zsiddiki@gmail.com  
Search title : Upper core 20  
MS data file : Z:\sanya\LTQ\Sanya\_090305\LCM20\merge.mgf  
Database : CryptoProt 180705 (95657 sequences; 13963158 residues)  
Timestamp : 26 Jan 2006 at 12:43:39 GMT  
Significant hits: [Liv021910](#) ChTU502\_VII\_AAEL01000011-1-18028-22923