	40	80	120	160	200	240	280	320	360	400
0 AE001438.3 cds-AAK76913.1 gene-CA_P0168 amyA 181586 183868 - Alpha-amylase		80	ıZU	ιοU	∠UU	∠4U	280	J∠U	JOU	400
AE001438.3 cds-AAK76907.1 gene-CA_P0162 adhe1 175810 178398 + Aldehyde - AE001438.3 cds-AAK76895.1 gene-CA_P0150 spoVD 160566 162371 + Stage -										
AE001438.3 cds-AAK76894.1 gene-CA_P0149 None 158912 160216 - Xre -										
AE001438.3 cds-AAK76874.1 gene-CA_P0129 None 139943 140686 - Glycogen-binding -										
AE001438.3 cds-AAK76804.1 gene-CA_P0058 None 59107 59727 - Rare =										
AE001437.1 cds-AAK81574.1 gene-CA_C3652 alsS 3853108 3854799 - Acetolactate = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693 3849947 + Possible = AE001437.1 cds-AAK81571.1 gene-CA_C3649 spoVT 3849693										
AE001437.1 cds-AAK81570.1 gene-CA_C3648 None 3848232 3849110 - Acetyltransferase -										
AE001437.1 cds-AAK81562.1 gene-CA_C3639 None 3840211 3840429 - CRO -										
AE001437.1 cds-AAK81561.1 gene-CA_C3638 None 3839255 3840175 - Oligopeptide = AE001437.1 cds-AAK81385.1 gene-CA_C3456 None 3652787 3653326 - Uncharacterized = AE001437.1 cds-AAK81385.1 gene-CA_C3456 None										<u> </u>
AE001437.1 cds-AAK81320.1 gene-CA_C3390 None 3573536 3574648 - Response -)							
AE001437.1 cds-AAK81319.1 gene-CA_C3389 None 3567510 3573329 - Possible -										
AE001437.1 cds-AAK81265.1 gene-CA_C3333 None 3506570 3507694 - Uncharacterized -					•					
AE001437.1 cds-AAK81238.1 gene-CA_C3306 None 3474450 3474944 - Thiol-										
AE001437.1 cds-AAK81164.1 gene-CA_C3229 None 3377589 3378608 + NADH:flavin -							•			
AE001437.1 cds-AAK81151.1 gene-CA_C3215 prsA 3361034 3362095 - Parvulin-like -					•					
AE001437.1 cds-AAK81150.1 gene-CA_C3214 None 3360238 3360789 - Stage - AE001437.1 cds-AAK81020.1 gene-CA_C3080 None 3231045 3232007 + Hypothetical -										
AE001437.1 cds-AAK81019.1 gene-CA_C3079 None 3230028 3230873 - Uncharacterized =										
AE001437.1 cds-AAK80976.1 gene-CA_C3036 None 3179380 3183435 - Superfamily -										
AE001437.1 cds-AAK80901.1 gene-CA_C2959 galK 3092319 3093488 + Galactokinase = AE001437.1 cds-AAK80900.1 gene-CA_C2958 None 3091364 3091858 - PTS =					•					
AE001437.1 cds-AAK80900.1 gene-CA_C2958 None 3091364 3091858 - PTS - AE001437.1 cds-AAK80832.1 gene-CA_C2889 rho 3019655 3021106 - Transcription -										
AE001437.1 cds-AAK80754.1 gene-CA_C2810 None 2940353 2942539 - Possible -										
AE001437.1 cds-AAK80740.1 gene-CA_C2796 None 2923607 2924791 - MoaA/NirJ=										
AE001437.1 cds-AAK80736.1 gene-CA_C2792 None 2920964 2921584 + Uncharcterized - AE001437.1 cds-AAK80735.1 gene-CA_C2791 None 2919291 2920676 - MoaA/NirJ -										
AE001437.1 cds-AAK80644.1 gene-CA_C2697 None 2819666 2820643 - Hypothetical -										
AE001437.1 cds-AAK80619.1 gene-CA_C2672 None 2789205 2789477 - Predicted -										
AE001437.1 cds-AAK80593.1 gene-CA_C2646 sipS 2759969 2760523 - Signal - AE001437.1 cds-AAK80588.1 gene-CA_C2641 tig 2751970 2753265 - FKBP-type -										
AE001437.1 cds-AAK80388.1 gene-CA_C2641 tig 2731970 2733263 - FRBP-type-										
AE001437.1 cds-AAK80470.1 gene-CA_C2516 None 2625157 2625324 + Hypothetical -									>	
AE001437.1 cds-AAK80450.1 gene-CA_C2496 None 2601929 2602555 + Predicted =										
AE001437.1 cds-AAK80449.1 gene-CA_C2495 None 2601592 2601786 - Predicted = AE001437.1 cds-AAK80448.1 gene-CA_C2494 None 2601128 2601538 - Predicted =										
AE001437.1 cds-AAK80445.1 gene-CA_C2491 None 2598885 2599352 + Predicted -										
AE001437.1 cds-AAK80444.1 gene-CA_C2490 None 2597236 2598540 - Xre -										
AE001437.1 cds-AAK80442.1 gene-CA_C2488 None 2596376 2596930 - Uncharacterized – AE001437.1 cds-AAK80408.1 gene-CA_C2454 None 2570618 2571442 - Hypothetical –										
AE001437.1 cds-AAK80380.1 gene-CA_C2426 None 2541823 2542749 + Uncharacterized -										
AE001437.1 cds-AAK80232.1 gene-CA_C2275 apt 2378513 2379031 - Adenine -										
AE001437.1 cds-AAK80231.1 gene-CA_C2274 spoT 2376156 2378378 - RelA/SpoT = AE001437.1 cds-AAK80144.1 gene-CA_C2186 None 2277713 2278732 - Glycosyltransferase =										
AE001437.1 cds-AAK80096.1 gene-CA_C2138 None 2231895 2232827 + Exopolyphosphatase -										
AE001437.1 cds-AAK80095.1 gene-CA_C2137 None 2229091 2231628 - Cation =										
AE001437.1 cds-AAK80083.1 gene-CA_C2125 divIB 2214590 2215339 - Cell =										
AE001437.1 cds-AAK80021.1 gene-CA_C2062 None 2165379 2166560 - TRNA - AE001437.1 cds-AAK80012.1 gene-CA_C2053 None 2159469 2160059 - Hypothetical -										
AE001437.1 cds-AAK79812.1 gene-CA_C1848 cmk 2000596 2001249 - Cytidylate -										
AE001437.1 cds-AAK79801.1 gene-CA_C1837 mutS 1988474 1991083 - Mismatch <i>=</i>										
AE001437.1 cds-AAK79729.1 gene-CA_C1763 None 1908109 1908477 - Predicted - AE001437.1 cds-AAK79693.1 gene-CA_C1727 None 1875972 1876781 + Protein -										
AE001437.1 cds-AAK79669.1 gene-CA_C1703 None 1853272 1853622 + Methyl-accepting -										
AE001437.1 cds-AAK79565.1 gene-CA_C1598 None 1742414 1742797 + Hypothetical -										
AE001437.1 cds-AAK79499.1 gene-CA_C1532 None 1674076 1675551 + Protein - AE001437.1 cds-AAK79403.1 gene-CA_C1435 None 1580242 1581612 + S-adenosylmethionine-dependent -										
AE001437.1 cds-AAK79402.1 gene-CA_C1434 None 1578183 1580060 - Alkaline -										
AE001437.1 cds-AAK79401.1 gene-CA_C1433 None 1577354 1578094 + Hypothetical -										
AE001437.1 cds-AAK79357.1 gene-CA_C1389 None 1531690 1534011 + Protein =										·
AE001437.1 cds-AAK79322.1 gene-CA_C1354 None 1499695 1500174 + Phosphotransferase – AE001437.1 cds-AAK79321.1 gene-CA_C1353 None 1497812 1499278 - Phosphotransferase –										
AE001437.1 cds-AAK79222.1 gene-CA_C1251 rodA 1395591 1396712 + Cell <i>=</i>										
AE001437.1 cds-AAK79190.1 gene-CA_C1218 None 1362044 1362586 + Phage -										
AE001437.1 cds-AAK79146.1 gene-CA_C1174 None 1330234 1330416 + Hypothetical – AE001437.1 cds-AAK78929.1 gene-CA_C0953 None 1091155 1091553 + Hypothetical –										
AE001437.1 cds-AAK78928.1 gene-CA_C0952 None 1090703 1091047 - Hypothetical -										
AE001437.1 cds-AAK78927.1 gene-CA_C0951 None 1090270 1090701 + Ferric -										
AE001437.1 cds-AAK78878.1 gene-CA_C0902 None 1031674 1032357 + Predicted = AE001437.1 cds-AAK78802.1 gene-CA_C0826 None 956696 957808 - Endoglucanase = AE001437.1 cds-AAK78802.1 gene-CA_C0826 None										
AE001437.1 cds-AAK78780.1 gene-CA_C0804 None 928556 930250 + Pectate =										
AE001437.1 cds-AAK78748.1 gene-CA_C0772 None 894839 895648 + Cobalt -										
AE001437.1 cds-AAK78747.1 gene-CA_C0771 None 893874 894842 + Cobalamin = AE001437.1 cds-AAK78637.1 gene-CA_C0660 None 767958 768161 + Hypothetical=										
AE001437.1 cds-AAK78637.1 gene-CA_C0660 None 767958 768161 + Hypothetical - AE001437.1 cds-AAK78465.1 gene-CA_C0485 None 560374 561225 + TRNA-processing -										_
AE001437.1 cds-AAK78433.1 gene-CA_C0453 None 521468 522151 + ABC-transporter%2C -										
AE001437.1 cds-AAK78432.1 gene-CA_C0452 None 520391 521062 - Permease =										>
AE001437.1 cds-AAK78416.1 gene-CA_C0436 None 503283 504170 + Predicted - AE001437.1 cds-AAK78414.1 gene-CA_C0434 None 502242 502709 - Putative -										
AE001437.1 cds-AAK78221.1 gene-CA_C0240 None 271300 271926 + Response =										
AE001437.1 cds-AAK78194.1 gene-CA_C0212 None 237128 237937 + Biotin-(acetyl-CoA -										
AE001437.1 cds-AAK78193.1 gene-CA_C0211 bioY 236407 236961 - BioY - AE001437.1 cds-AAK78188.1 gene-CA_C0206 None 231611 232804 + Uncharacterized -										
AE001437.1 cds-AAK78188.1 gene-CA_C0206 None 231611 232804 + Uncharacterized - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 - Predicted - Loading [MathJax]/extensions/MathMenu.js 37.1 cds-AAK78187.1 gene-CA_C0205 None 229452 231410 -										