

Table S1. Novel putative protein coding genes for *Glycyrrhiza uralensis*

| EST accession number | size | EST accession number | size | EST accession number | size | EST accession number | size | EST accession number | size |
|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|
| T20098:4             | 600  | T20098:1559          | 521  | T20098:2786          | 414  | T20098:4383          | 678  | T20098:5724          | 475  |
| T20098:162           | 507  | T20098:1577          | 626  | T20098:2818          | 573  | T20098:4407          | 682  | T20098:5747          | 329  |
| T20098:180           | 702  | T20098:1689          | 714  | T20098:2845          | 695  | T20098:4562          | 641  | T20098:5755          | 512  |
| T20098:268           | 538  | T20098:1709          | 505  | T20098:2848          | 771  | T20098:4568          | 345  | T20098:5827          | 490  |
| T20098:340           | 451  | T20098:1750          | 573  | T20098:2888          | 586  | T20098:4686          | 788  | T20098:5863          | 408  |
| T20098:350           | 467  | T20098:1785          | 563  | T20098:2896          | 474  | T20098:4750          | 834  | T20098:5869          | 420  |
| T20098:391           | 471  | T20098:1978          | 727  | T20098:2909          | 746  | T20098:4755          | 572  | T20098:5877          | 490  |
| T20098:408           | 679  | T20098:1984          | 591  | T20098:2966          | 737  | T20098:4787          | 759  | T20098:5890          | 458  |
| T20098:468           | 389  | T20098:2049          | 780  | T20098:2986          | 559  | T20098:4834          | 723  | T20098:5951          | 463  |
| T20098:469           | 1036 | T20098:2081          | 344  | T20098:3042          | 870  | T20098:4974          | 584  | T20098:6002          | 560  |
| T20098:484           | 397  | T20098:2111          | 470  | T20098:3121          | 799  | T20098:5002          | 485  | T20098:6075          | 512  |
| T20098:500           | 494  | T20098:2144          | 571  | T20098:3189          | 817  | T20098:5075          | 536  | T20098:6085          | 425  |
| T20098:504           | 908  | T20098:2210          | 602  | T20098:3239          | 901  | T20098:5141          | 449  | T20098:6198          | 540  |
| T20098:711           | 385  | T20098:2302          | 425  | T20098:3294          | 704  | T20098:5227          | 497  | T20098:6218          | 347  |
| T20098:848           | 580  | T20098:2349          | 545  | T20098:3316          | 1010 | T20098:5237          | 476  | T20098:6274          | 478  |
| T20098:865           | 399  | T20098:2410          | 418  | T20098:3355          | 805  | T20098:5254          | 410  | T20098:6279          | 359  |
| T20098:872           | 547  | T20098:2419          | 465  | T20098:3443          | 700  | T20098:5290          | 482  | T20098:6315          | 380  |
| T20098:878           | 401  | T20098:2495          | 554  | T20098:3543          | 703  | T20098:5344          | 473  | T20098:6335          | 395  |
| T20098:901           | 537  | T20098:2507          | 814  | T20098:3590          | 718  | T20098:5396          | 441  | T20098:6455          | 562  |
| T20098:940           | 388  | T20098:2634          | 420  | T20098:3607          | 734  | T20098:5411          | 438  | T20098:6486          | 439  |
| T20098:1024          | 589  | T20098:2639          | 450  | T20098:3697          | 733  | T20098:5414          | 352  | T20098:6538          | 465  |
| T20098:1026          | 599  | T20098:2640          | 438  | T20098:3710          | 745  | T20098:5442          | 602  | T20098:6558          | 467  |
| T20098:1082          | 420  | T20098:2658          | 903  | T20098:3907          | 767  | T20098:5457          | 436  | T20098:6577          | 396  |
| T20098:1154          | 618  | T20098:2671          | 355  | T20098:4012          | 844  | T20098:5510          | 423  | T20098:6620          | 372  |
| T20098:1163          | 594  | T20098:2676          | 917  | T20098:4052          | 1187 | T20098:5536          | 383  | T20098:6630          | 326  |
| T20098:1181          | 775  | T20098:2678          | 581  | T20098:4210          | 655  | T20098:5603          | 459  | T20098:6777          | 368  |
| T20098:1206          | 716  | T20098:2688          | 511  | T20098:4297          | 826  | T20098:5647          | 497  | T20098:6781          | 485  |

| EST accession number | size | EST accession number | size | EST accession number | size | EST accession number | size | EST accession number | size |
|----------------------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|------|
| T20098:1558          | 572  | T20098:2702          | 760  | T20098:4362          | 601  | T20098:5718          | 453  | T20098:6855          | 442  |
| T20098:6991          | 390  | T20098:7993          | 418  | T20098:9042          | 677  | T20098:9768          | 617  | T20098:10553         | 657  |
| T20098:7000          | 419  | T20098:8029          | 512  | T20098:9056          | 679  | T20098:9776          | 736  | T20098:10571         | 581  |
| T20098:7035          | 386  | T20098:8132          | 373  | T20098:9076          | 480  | T20098:9872          | 713  | T20098:10582         | 735  |
| T20098:7072          | 390  | T20098:8139          | 393  | T20098:9184          | 408  | T20098:9886          | 440  | T20098:10609         | 636  |
| T20098:7123          | 321  | T20098:8177          | 429  | T20098:9191          | 679  | T20098:9918          | 742  | T20098:10613         | 577  |
| T20098:7161          | 571  | T20098:8224          | 420  | T20098:9224          | 574  | T20098:9948          | 659  | T20098:10651         | 562  |
| T20098:7197          | 410  | T20098:8318          | 552  | T20098:9236          | 709  | T20098:10003         | 431  | T20098:10670         | 727  |
| T20098:7412          | 386  | T20098:8320          | 470  | T20098:9283          | 721  | T20098:10025         | 621  | T20098:10675         | 563  |
| T20098:7419          | 443  | T20098:8497          | 407  | T20098:9322          | 403  | T20098:10196         | 641  | T20098:10708         | 653  |
| T20098:7421          | 384  | T20098:8519          | 316  | T20098:9351          | 752  | T20098:10211         | 675  | T20098:10765         | 455  |
| T20098:7534          | 380  | T20098:8555          | 556  | T20098:9410          | 614  | T20098:10258         | 816  | T20098:10793         | 625  |
| T20098:7579          | 529  | T20098:8645          | 610  | T20098:9452          | 756  | T20098:10273         | 575  | T20098:10800         | 705  |
| T20098:7632          | 393  | T20098:8661          | 709  | T20098:9474          | 711  | T20098:10298         | 651  | T20098:10811         | 705  |
| T20098:7688          | 425  | T20098:8777          | 521  | T20098:9476          | 693  | T20098:10315         | 777  | T20098:10829         | 351  |
| T20098:7777          | 440  | T20098:8874          | 541  | T20098:9515          | 521  | T20098:10321         | 466  | T20098:10873         | 684  |
| T20098:7817          | 485  | T20098:8945          | 566  | T20098:9546          | 696  | T20098:10401         | 674  | T20098:10923         | 648  |
| T20098:7834          | 538  | T20098:8947          | 425  | T20098:9558          | 727  | T20098:10487         | 687  | T20098:10927         | 492  |
| T20098:7884          | 546  | T20098:8963          | 480  | T20098:9634          | 724  | T20098:10497         | 602  |                      |      |
| T20098:7943          | 367  | T20098:8966          | 579  | T20098:9644          | 689  | T20098:10517         | 594  |                      |      |
| T20098:7984          | 450  | T20098:9014          | 721  | T20098:9747          | 478  | T20098:10544         | 631  |                      |      |