

Table 16. LA for X=APP, Y=GSK3A ([3':AA054508,5':AA054372])		
GSK3A		glycogen synthase kinase 3 alpha [3':AA054508,5':AA054372]
APP		amyloid beta (A4) precursor protein (protease nexin-II, Alzheimer disease) [3':AA033842,5':AA034297]
Gene Name	LA Score	Gene Information
ADAM15	0.486	a disintegrin and metalloproteinase domain 15 (metargidin) [3':AA007366,5':AA007462]
PRCP	0.437	prolylcarboxypeptidase (angiotensinase C) [3':T78895,5':T78947]
MIF	0.406	macrophage migration inhibitory factor (glycosylation-inhibiting factor) [3':AA045695,5':AA045694]
DP1	0.395	likely ortholog of mouse deleted in polyposis 1 [3':AA044805,5':AA044782]
NA-975	0.386	EST [3':R43776*,5':R25018]
PLTP	0.381	phospholipid transfer protein [3':AA047118,5':AA047117]
C11orf25	0.371	chromosome 11 open reading frame 25 [3':N48295,5':N49022]
CDH17	0.371	cadherin 17, LI cadherin (liver-intestine) [3':AA053102,5':AA053188]
SGSH	0.369	N-sulfoglucosamine sulfohydrolase (sulfamidase) [3':H11473*,5':NA]
LARGE	0.369	like-glycosyltransferase [3':AA047380,5':AA057038]
PRKCD	0.367	protein kinase C, delta [3':AA005215,5':AA005214]
ATP6IP2	0.366	ATPase, H ⁺ transporting, lysosomal interacting protein 2 [3':AA053862,5':AA054183]
ACPS5	0.364	acid phosphatase 5, tartrate resistant [3':R08817,5':R08816]
SSAT2	0.364	polyamine N-acetyltransferase [3':W68048,5':W68190]
BACE2	0.364	beta-site APP-cleaving enzyme 2 [3':AA035768,5':AA056282]
LGALS3	0.359	lectin, galactoside-binding, soluble, 3 (galectin 3) [3':AA052939,5':AA053492]
IL6ST	0.358	interleukin 6 signal transducer (gp130, oncostatin M receptor) [3':H85457,5':H85741*]
FLJ21347	0.357	hypothetical protein FLJ21347 [3':H15544,5':H15603]
LRP10	0.356	low density lipoprotein receptor-related protein 10 [3':AA039978,5':AA040020]
NA-3317	0.351	ESTs [3':H84465,5':H84464]
SPS	-0.415	selenium donor protein [3':W94676,5':W95145]
CCND3	-0.411	cyclin D3 [3':N94440,5':W30788]
TAL1	-0.411	T-cell acute lymphocytic leukemia 1 [3':T97345,5':T97441]
MGC9651	-0.407	hypothetical protein MGC9651 [3':AA033829,5':AA033886]
C2orf6	-0.402	chromosome 2 open reading frame 6 [3':W86554,5':W86553]
APC4	-0.402	anaphase-promoting complex subunit 4 [3':AA025406,5':AA025405]
FLJ12903	-0.399	hypothetical protein FLJ12903 [3':AA022470,5':AA023003]
MGC40413	-0.399	hypothetical protein MGC40413 [3':W72362,5':W74041]
ANKT	-0.398	nucleolar protein ANKT [3':AA041459,5':AA041512]
NA-1368	-0.396	ESTs [3':R66324*,5':R66323]
NIP30	-0.395	NEFA-interacting nuclear protein NIP30 [3':AA055223,5':AA055222]
CXCL14	-0.393	chemokine (C-X-C motif) ligand 14 [3':AA058948,5':AA059409]
GORASP2	-0.391	Golgi reassembly stacking protein 2, 55 kDa [3':AA026286,5':AA026285]
ATP11A	-0.389	ATPase, Class VI, type 11A [3':AA020973,5':AA021045]
TCF3	-0.382	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47) [3':R38444,5':R12870]
RAB28	-0.380	RAB28, member RAS oncogene family [3':W72006,5':W76604]
WAC	-0.380	WW domain-containing adapter with a coiled-coil region [3':W02723,5':W24754]
ATP11B	-0.379	ATPase, Class VI, type 11B [3':AA010005*,5':NA]
DCLRE1A	-0.373	DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae) [3':AA011189,5':AA010781]
HSD17B8	-0.373	hydroxysteroid (17-beta) dehydrogenase 8 [3':AA055098*,5':NA]