C13 Arg – A (35.60%)

>sp|P07900|HS90A_HUMAN Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5

MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNSSDALDK**IR
YESLTDPSKLDSGKELHINLIPNKQDR**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFME
ALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRTDTGEPM
GRGTK**VILHLKEDQTEYLEER**RIKEIVK**KHSQFIGYPITLFVEK**ERDKEVSDDEAEEKED
KEEEKEKEEKESEDKPEIEDVGSDEEEEKKDGDKKKKKKIKEKYIDQEELNKTKPIWTRN
PDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFR**ALLFVPRRAPFDLFENR**KKKNN
IKLYVRRVFIMDNCEELIPEYLNFIR**GVVDSEDLPLNISREMLQQSK**ILKVIRKNLVKK**C**
LELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLR**YYTSASGDEMVSLK**DY
CTRMKENQK**HIYYITGETK**DQVANSAFVERLRK**HGLEVIYMIEPIDEYCVQQLK**EFEGKT
LVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILEKKVEKVVVSNRLVTSPCCIV
TSTYGWTANMERIMK**AQALRDNSTMGYMAAK**K**HLEINPDHSIIETLR**QKAEADKNDKSVK
DLVILLYETALLSSGFSLEDPQTHANRIYRMIKLGLGIDEDDPTADDTSAAVTEEMPPLE
GDDDTSRMEEVD

C13 Arg – B (18.30%)

>sp|P07900|HS90A_HUMAN Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5

MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNSSDALDKIR
YESLTDPSKLDSGKELHINLIPNKQDR**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFME
ALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRTDTGEPM
GRGTK**VILHLKEDQTEYLEER**RIKEIVKK**HSQFIGYPITLFVEK**ERDKEVSDDEAEEKED
KEEEKEKEEKESEDKPEIEDVGSDEEEEKKDGDKKKKKKIKEKYIDQEELNKTKPIWTR**N**
PDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFVPRRAPFDLFENRKKKNN
IKLYVRRVFIMDNCEELIPEYLNFIR**GVVDSEDLPLNISR**EMLQQSKILKVIRKNLVKKC
LELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLRYYTSASGDEMVSLKDY
CTRMKENQKHIYYITGETKDQVANSAFVERLRKHGLEVIYMIEPIDEYCVQQLKEFEGKT
LVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILEKKVEKVVVSNRLVTSPCCIV
TSTYGWTANMERIMKAQALRDNSTMGYMAAKK**HLEINPDHSIIETLR**QKAEADKNDKSVK
DLVILLYETALLSSGFSLEDPQTHANRIYRMIKLGLGIDEDDPTADDTSAAVTEEMPPLE
GDDDTSRMEEVD

C13 Lys – A (18.10%)

>sp|P07900|HS90A_HUMAN Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5

MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNSSDALDKIR**
YESLTDPSKLDSGKELHINLIPNKQDR**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFME
ALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRTDTGEPM
GRGTKVILHLKEDQTEYLEERRIKEIVK**KHSQFIGYPITLFVEK**ERDKEVSDDEAEEKED
KEEEKEKEEKESEDKPEIEDVGSDEEEEKKDGDKKKKKKIKEKYIDQEELNKTKPIWTR**N**
PDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFR**ALLFVPRRAPFDLFENR**KKKNN
IKLYVRRVFIMDNCEELIPEYLNFIRGVVDSEDLPLNISREMLQQSKILKVIRKNLVKKC
LELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLRYYTSASGDEMVSLKDY
CTRMKENQKHIYYITGETKDQVANSAFVERLRKHGLEVIYMIEPIDEYCVQQLKEFEGKT
LVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILEKKVEKVVVSNRLVTSPCCIV
TSTYGWTANMERIMK**AQALRDNSTMGYMAAK**K**HLEINPDHSIIETLR**QKAEADKNDKSVK
DLVILLYETALLSSGFSLEDPQTHANRIYRMIKLGLGIDEDDPTADDTSAAVTEEMPPLE
GDDDTSRMEEVD

C13 Lys – B (13.40%)

>sp|P07900|HS90A_HUMAN Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5

MPEETQTQDQPMEEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNSSDALDKIR**
YESLTDPSKLDSGKELHINLIPNKQDRTLTLVDTGIGMTKADLINNLGTIAKSGTKAFME
ALQAGADISMIGQFGVGFYSAYLVAEKVTVITKHNDDEQYAWESSAGGSFTVRTDTGEPM
GRGTKVILHLKEDQTEYLEERRIKEIVKK**HSQFIGYPITLFVEK**ERDKEVSDDEAEEKED
KEEEKEKEEKESEDKPEIEDVGSDEEEEKKDGDKKKKKKIKEKYIDQEELNKTKPIWTR**N**
PDDITNEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFVPR**RAPFDLFENR**KKKNN
IKLYVRRVFIMDNCEELIPEYLNFIRGVVDSEDLPLNISREMLQQSKILKVIRKNLVKKC
LELFTELAEDKENYKKFYEQFSKNIKLGIHEDSQNRKKLSELLRYYTSASGDEMVSLKDY
CTRMKENQKHIYYITGETKDQVANSAFVERLRKHGLEVIYMIEPIDEYCVQQLKEFEGKT
LVSVTKEGLELPEDEEEKKKQEEKKTKFENLCKIMKDILEKKVEKVVVSNRLVTSPCCIV
TSTYGWTANMERIMK**AQALRDNSTMGYMAAK**K**HLEINPDHSIIETLR**QKAEADKNDKSVK
DLVILLYETALLSSGFSLEDPQTHANRIYRMIKLGLGIDEDDPTADDTSAAVTEEMPPLE
GDDDTSRMEEVD

Supplementary Figure 6h: Amino acid sequence of HSP90α and its identified peptides.

Figure to show the percentage coverage of the full amino acid sequence of HSP90α that is represented by the peptide sequences identified in all four SILAC experiments. (The amino acids highlighted in red bold represent identified peptides).