C13 Arg – A (30.40%)

>sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNASDALDK**IR**YESLT**
DPSKLDSGKELKIDIIPNPQER**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFMEALQAG
ADISMIGQFGVGFYSAYLVAEKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPIGRGTK
VILHLKEDQTEYLEERRVKEVVKKHSQFLGYPITLYLEKEREKEISDDEAEEEKGEKEEE
DKDDEEKPKIEDVGSDEEDDSGKDKKKTKKIKEKYIDQEELNKTKPIWTR**NPDDITQEE**
YGEFYKSLTNDWEDHLAVKHFSVEGQLEFR**ALLFIPRRAPFDLFENK**KKKNNIKLYVRRV
FIMDSCDELIPEYLNFIR**GVVDSEDLPLNISREMLQQSK**ILKVIRKNIVKKCLELFSELA
EDKENYKKFYEAFSKNLKLGIHEDSTNRRRLSELLR**YHTSQSGDEMTSLSEYVSR**MKETQ
K**SIYYITGESK**EQVANSAFVERVRKRGFEVVYMTEPIDEYCVQQLKEFDGKSLVSVTKEG
LELPEDEEEKKKMEESKAKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGWTA
NMERIMKAQALRDNSTMGYMMAKK**HLEINPDHPIVETLR**QKAEADKNDKAVKDLVVLLFE
TALLSSGFSLEDPQTHSNRIYRMIKLGLGIDEDEVAAEEPNAAVPDEIPPLEGDEDASRM
EEVD

C13 Arg – B (18.30%)

>sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNASDALDK**IRYESLT
DPSKLDSGKELKIDIIPNPQER**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFMEALQAG
ADISMIGQFGVGFYSAYLVAEKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPIGRGTK
VILHLKEDQTEYLEERRVKEVVKK**HSQFLGYPITLYLEK**EREKEISDDEAEEEKGEKEEE
DKDDEEKPKIEDVGSDEEDDSGKDKKKTKKIKEKYIDQEELNKTKPIWTR**NPDDITQEE**
YGEFYKSLTNDWEDHLAVKHFSVEGQLEFR**ALLFIPR**RAPFDLFENKKKKNNIKLYVRRV
FIMDSCDELIPEYLNFIR**GVVDSEDLPLNISR**EMLQQSKILKVIRKNIVKKCLELFSELA
EDKENYKKFYEAFSKNLKLGIHEDSTNRRRLSELLRYHTSQSGDEMTSLSEYVSRMKETQ
KSIYYITGESKEQVANSAFVERVRKRGFEVVYMTEPIDEYCVQQLKEFDGKSLVSVTKEG
LELPEDEEEKKKMEESKAKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGWTA
NMERIMKAQALRDNSTMGYMMAKK**HLEINPDHPIVETLR**QKAEADKNDKAVKDLVVLLFE
TALLSSGFSLEDPQTHSNRIYRMIKLGLGIDEDEVAAEEPNAAVPDEIPPLEGDEDASRM
EEVD

C13 Lys – A (9.00%)

>sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNASDALDKIRYESLT**
DPSKLDSGKELKIDIIPNPQER**TLTLVDTGIGMTKADLINNLGTIAK**SGTKAFMEALQAG
ADISMIGQFGVGFYSAYLVAEKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPIGRGTK
VILHLKEDQTEYLEERRVKEVVKKHSQFLGYPITLYLEKEREKEISDDEAEEEKGEKEEE
DKDDEEKPKIEDVGSDEEDDSGKDKKKTKKIKEKYIDQEELNKTKPIWTR**NPDDITQEE**
YGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPR**RAPFDLFENK**KKKNNIKLYVRRV
FIMDSCDELIPEYLNFIRGVVDSEDLPLNISREMLQQSKILKVIRKNIVKKCLELFSELA
EDKENYKKFYEAFSKNLKLGIHEDSTNRRRLSELLRYHTSQSGDEMTSLSEYVSRMKETQ
KSIYYITGESKEQVANSAFVERVRKRGFEVVYMTEPIDEYCVQQLKEFDGKSLVSVTKEG
LELPEDEEEKKKMEESKAKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGWTA
NMERIMKAQALRDNSTMGYMMAKKHLEINPDHPIVETLRQKAEADKNDKAVKDLVVLLFE
TALLSSGFSLEDPQTHSNRIYRMIKLGLGIDEDEVAAEEPNAAVPDEIPPLEGDEDASRM
EEVD

C13 Lys – B (11.10%)

>sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLR**ELISNASDALDKIR**YESLT
DPSKLDSGKELKIDIIPNPQERTLTLVDTGIGMTKADLINNLGTIAKSGTKAFMEALQAG
ADISMIGQFGVGFYSAYLVAEKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPIGRGTK
VILHLKEDQTEYLEERRVKEVVKK**HSQFLGYPITLYLEK**EREKEISDDEAEEEKGEKEEE
DKDDEEKPKIEDVGSDEEDDSGKDKKKTKKIKEKYIDQEELNKTKPIWTR**NPDDITQEE**
YGEFYKSLTNDWEDHLAVKHFSVEGQLEFR**ALLFIPR**RAPFDLFENKKKKNNIKLYVRRV
FIMDSCDELIPEYLNFIRGVVDSEDLPLNISREMLQQSKILKVIRKNIVKKCLELFSELA
EDKENYKKFYEAFSKNLKLGIHEDSTNRRRLSELLRYHTSQSGDEMTSLSEYVSRMKETQ
KSIYYITGESKEQVANSAFVERVRKRGFEVVYMTEPIDEYCVQQLKEFDGKSLVSVTKEG
LELPEDEEEKKKMEESKAKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGWTA
NMERIMK**AQALRDNSTMGYMMAK**KHLEINPDHPIVETLRQKAEADKNDKAVKDLVVLLFE
TALLSSGFSLEDPQTHSNRIYRMIKLGLGIDEDEVAAEEPNAAVPDEIPPLEGDEDASRM
EEVD

Supplementary Figure 6i: Amino acid sequence of HSP90β and its identified peptides.

Figure to show the percentage coverage of the full amino acid sequence of HSP90β that is represented by the peptide sequences identified in all four SILAC experiments. (The amino acids highlighted in red bold represent identified peptides).