**Supplemental Table S2.5. Venn Diagram Identifications All Healthy NP-BCs Compared to Corresponding Obese NP-BCs**

Comparison of Proteins Associated with PVP 100 nm AuNPs Following Incubation in Healthy or Obese Human Serum (UniProtKB Entry Name)

In Common

E9PHK0

A0A024R3E3

A0A024R462

A0A0A0MRJ7

A0A109PW65

A2NKM7

A8K9A9

B2R582

B4E1C2

B7ZKJ8

C0JYY2

D3JV41

D9IWP9

V9HWA9

V9HVY1

P02776

P06396

P06727

P07996

P08603

Q5FWF9

P0C0L4

A0A024RAG6

A0A0S2Z3D5

B2RC09

D6R934

Q03591

B4DW52

A0A0S2Z3Y1

P09871

O43866

K7ER74

E9KL26

A3KPE2

A0A024RAA7

B2R5G8

K7ERI9

B2R8I2

B4DPQ0

P0DJI8

Q1HP67

A0A0K0K1J1

E9PIT3

P10909

P00739

V9HW68

Q6MZQ6

C9JF17

A0A286YES1

P02760

E9KL36

Q5T985

P18428

P01591

U5LIC5

P04003

P02790

A0A0X9UWK7

A0A096LPE2

A0A0C4DH38

D9ZGG2

Q0KKI6

D9YZU5

Q6N093

Q6PIL8

Q8NEJ1

E9KL23

P20851

Q6NS95

V9GYM3

Q6MZU6

P01023

P27169

A0N5G5

Q8N355

Q9UL85

A2NUT2

C9JV77

A0A286YFJ8

Q53H26

Q0ZCI9

P0DOX7

Q6GMX6

S6BGD4

A0A193CHQ9

Q96K68

D1MGQ2

A0A125QYY9

Q5NV69

S6AWF4

Q9UL78

A0A0X9UWL5

Q6ZW64

P00738

Q6P5S8

A0A0S2Z4K3

Q0ZCH9

Q8TF30

B1N7B6

P01871

Q86TT1

Q9NPP6

H6VRG3

A2KBC8

A0A0X9T7V9

A0N071

A0A075B6S9

A2MYE2

S6B291

A0A5E4

V9HWF6

A3KPC7

B2RBZ5

A0A024R6N9

A0A0U1RR20

A0A0K0Q2Z1

A0A0F7T737

A0A0C4DH68

A0A0A0MT36

A2N0U6

A0A0F7TAG7

A0A0C4DH35

A0A0J9YX35

A0A0R7FJH5

A8K6C1

A0A0S2Z3V0

A0A0X9T7T4

A0A109PSY4

A0A120HF66

A0A125QYY5

A0A140VJJ6

A0A140VKF3

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A0A1W6IYI5

A0A1W6IYJ0

A0N8J1

A2IPI6

A2J1M8

A2J1N5

A2MYD4

A5PL27

A5YAK2

A6XND1

V5N6U4

B2R6W1

A8K5T0

B1N7B9

B4DPP8

B4E1Z4

B7Z539

H7BXV5

Q8N2P5

L0R5A1

P00747

Q5NV91

P02671

P03951

P04275

P04433

P05546

Q7Z3Y5

P08697

P0C0L5

P0DOX3

P0DOX5

P10720

P15169

P18065

P19652

P36980

Q0ZCG4

Q15485

Q567P1

Q6GMW4

Q6MZV7

Q6N089

Q96PD5

Q96SA9

S6C4R6

S6BGE0

S6BGF5

Healthy BC Only

D3DQX7

S6BAM6

A0A024R6P0

A0A024R962

A0A087WSY6

Q86TQ3

A0A087X1J7

P0DP09

A0A0C4DH31

A0A0U1RQV3

A0A0X9TD88

A0A1L2BU38

B4DLJ6

Q8N6L6

A0A1W6IYJ1

A2MYD0

A2NB45

G3XAP6

B4E1B3

B2MUX6

H9NL12

Q59GS8

P01817

V9HWP0

P0DJI9

P0DOX6

P37802

Q6N091

Q6N094

Q7Z351

Q96JD0

Q99539

Q9UL83

U5TZG9

Obese BC Only

C9JXX4

A0A024RDF8

A2JA18

B2RMS9

O00602

P00488

P00748

P04196

P05109

Q53XB4

Q15430

Q0D2M2

A0A024R035

A0A024R1U8

Q5R210

B8ZZX6

A0A024RAX0

A0A0F7T024

A0A087WSY5

H3BVI7

A0A087X089

A0A0A0MS15

A0A0C4DH25

A0A140VJI7

A0A182DWH7

A0A1U9WZ84

A1L4H1

A2JA14

A2VDJ4

A6XMH5

Q6FHW3

E3UN46

Q0VAS5

B4DU16

B4E1D8

B6EDE2

E7EPG1

B7Z992

C9IZP8

E7EUT5

H6VRG2

L8E853

P02751

Q5VY30

P13671

P35555

Q495G6

Q6GMX0

Comparison of Proteins Associated with PVP 20 nm AuNPs Following Incubation in Healthy or Obese Human Serum (UniProtKB Entry Name)

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A0A024R462

A0A0A0MRJ7

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S6BAM6

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A0A024RAG6

A0A0S2Z3D5

B2RC09

D6R934

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A0A286YES1

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A0A0C4DH38

D9ZGG2

Q0KKI6

D9YZU5

Q6N093

Q6PIL8

Q8NEJ1

E9KL23

P20851

Q6NS95

V9GYM3

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P27169

A0N5G5

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Q9UL85

A2NUT2

C9JV77

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A0A125QYY9

Q5NV69

S6AWF4

Q9UL78

A0A0X9UWL5

Q6ZW64

P00738

Q6P5S8

A0A0S2Z4K3

Q0ZCH9

Q8TF30

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P01871

Q86TT1

Q9NPP6

H6VRG3

A2KBC8

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A0N071

A0A075B6S9

A2MYE2

S6B291

A0A5E4

V9HWF6

A3KPC7

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A0A024R1U8

A0A0U1RR20

A0A0K0Q2Z1

A0A024R962

A0A0F7T737

A0A0A0MT36

A0A0F7TAG7

A0A0C4DH35

A0A0C4DH36

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A0A0R7FJH5

A0A0U1RQV3

A0A0X9V9B3

A0A109PSY4

A0A120HF66

A0A140VJJ6

A0A140VKF3

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A0A1W6IYI5

A2IPI6

A2J1M8

A2J1N5

A2JA14

A2VDJ4

A5PL27

A5YAK2

A6XND1

Q6FHW3

V5N6U4

B2R6W1

G3XAP6

A8K5T0

E3UN46

B1N7B9

B4DSH1

B4E1Z4

B7Z539

E7EPG1

H7BXV5

Q8N2P5

L0R5A1

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Q59GS8

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Q5NV91

P02671

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P04275

P04433

P05546

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P10720

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P19652

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Q02985

Q15485

Q6GMW4

Q6GMX0

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Q96PD5

Q96SA9

Q9UL83

S6B294

S6BGE0

S6BGF5

U5TZG9

Healthy BC Only

D3DQX7

A0A024R6P0

A0A0F7T024

A0A0C4DH68

Q86TQ3

A0A087X1J7

A2N0U6

P0DP09

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A0A125QYY5

Q5NV73

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Q8N6L6

A0A1W6IYJ1

A1L4H1

A2J422

A2JA16

A2MYD0

A2MYD4

A2NB45

B3KUR6

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P05109

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Q15430

Q0D2M2

Q5R210

B2RBZ5

A0A024R6N9

A0A024RAX0

A0A087WSY5

H3BVI7

A0A087X089

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B0YIW1

A0A0C4DH25

A0A0C4DH31

A8K6C1

A0A0S2Z3V0

A0A0X9T7T4

A0A140VJI7

A8K4C2

A0A182DWH7

Q0VAS5

B4DPP8

B4DU16

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C0JYY2

D3JV41

D9IWP9

V9HWA9

V9HVY1

P02776

P06396

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S6BAM6

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A0A024RAG6

A0A0S2Z3D5

D6R934

Q03591

B4DW52

A0A0S2Z3Y1

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K7ER74

E9KL26

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A0A024RAA7

B2R5G8

K7ERI9

B2R8I2

B4DPQ0

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E9PIT3

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P00739

V9HW68

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C9JF17

A0A286YES1

P02760

E9KL36

Q5T985

P18428

P01591

U5LIC5

P04003

P02790

A0A0X9UWK7

A0A096LPE2

A0A0C4DH38

D9ZGG2

Q0KKI6

D9YZU5

Q6N093

Q6PIL8

Q8NEJ1

E9KL23

P20851

Q6NS95

V9GYM3

Q6MZU6

P01023

P27169

A0N5G5

Q8N355

Q9UL85

A2NUT2

C9JV77

A0A286YFJ8

Q53H26

Q0ZCI9

P0DOX7

Q6GMX6

S6BGD4

A0A193CHQ9

Q96K68

D1MGQ2

A0A125QYY9

Q5NV69

S6AWF4

Q9UL78

A0A0X9UWL5

Q6ZW64

P00738

Q6P5S8

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Q8TF30

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S6B291

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A0A0C4DH68

A0A0F7TAG7

A0A0J9YX35

A0A0R7FJH5

A8K6C1

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B7ZAL5

A0A1W6IYJ1

A2J1M8

A2J1N5

A2JA14

V5N6U4

A8K5T0

B7Z539

Q8N2P5

L0R5A1

P00747

P04275

Q7Z3Y5

P36980

Q0ZCG4

Q495G6

S6C4R6

V9HW34

Healthy BC Only

A0A0C4DH31

A0N8J1

B3KV65

A2MYD0

A2NB45

H7C2T3

B3KUR6

Q5NV63

P01817

V9HWP0

Q6N091

Q96JD0

Q9H7I8

Obese BC Only

C9JXX4

A0A024RDF8

A0A109PW65

A2JA18

A2NKM7

A8K9A9

B2R582

B2RMS9

O00602

P00488

P00748

P04196

P05109

Q53XB4

Q15430

Q5FWF9

B2RC09

Q0D2M2

A3KPC7

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A0A024R1U8

Q5R210

A0A024R6N9

A0A0U1RR20

A0A0K0Q2Z1

A0A024RAX0

A0A0F7T737

A0A087WSY5

H3BVI7

A0A087X089

A0A0A0MT36

B0YIW1

A0A0C4DH25

A0A0C4DH35

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A0A125QYY5

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A0A140VJJ6

A0A140VKF3

A0A182DWH7

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B4DLJ6

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A6XND1

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B4E1Z4

B6EDE2

E7EPG1

B7Z992

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H7BXV5

E7EUT5

H6VRG2

L8E853

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Q5NV91

P02671

Q5VY30

P03951

P04433

P05546

P08697

P0C0L5

P0DOX3

P0DOX5

P10720

P13671

P15169

P18065

P35555

P37802

Q567P1

Q6GMW4

Q6GMX0

Q6MZV7

Q6N089

Q96PD5

Q96SA9

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S6BGE0

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Comparison of Proteins Associated with Citrate 20 nm AuNPs Following Incubation in Healthy or Obese Human Serum (UniProtKB Entry Name)

In Common

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A0A024R3E3

A0A024R462

A0A0A0MRJ7

A0A109PW65

A2NKM7

A8K9A9

B2R582

B4E1C2

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D9IWP9

P00748

V9HWA9

V9HVY1

P02776

P06396

P06727

P07996

P08603

Q5FWF9

S6BAM6

P0C0L4

A0A024RAG6

A0A0S2Z3D5

B2RC09

D6R934

Q03591

B4DW52

A0A0S2Z3Y1

P09871

O43866

K7ER74

E9KL26

A3KPE2

A0A024RAA7

B2R5G8

K7ERI9

B2R8I2

B4DPQ0

P0DJI8

Q1HP67

A0A0K0K1J1

E9PIT3

P10909

P00739

V9HW68

Q6MZQ6

C9JF17

A0A286YES1

P02760

E9KL36

Q5T985

P18428

P01591

U5LIC5

P04003

P02790

A0A0X9UWK7

A0A096LPE2

A0A0C4DH38

D9ZGG2

Q0KKI6

D9YZU5

Q6N093

Q6PIL8

Q8NEJ1

E9KL23

P20851

Q6NS95

V9GYM3

Q6MZU6

P01023

P27169

A0N5G5

Q8N355

Q9UL85

A2NUT2

C9JV77

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Q9UL78

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A0A0S2Z4K3

Q0ZCH9

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A0A0F7TAG7

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A0A0U1RQV3

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A0A0X9V9B3

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A0A140VJJ6

A0A140VKF3

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B4E1D8

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B7Z539

E7EPG1

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Q8N2P5

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Q59GS8

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P01817

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P04433

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P19652

P36980

P37802

Q0ZCG4

Q6GMW4

Q6GMX0

Q6MZV7

Q6N089

Q96PD5

Q96SA9

Q9UL83

S6C4R6

S6BGE0

S6BGF5

V9HW34

Healthy BC Only

D3DQX7

B2RBZ5

B8ZZX6

A0A0F7T024

Q86TQ3

A0A087X1J7

A2N0U6

O43234

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A0A1W6IYJ0

A1L4H1

A2J422

A2JA16

A2MYD0

A2NB45

A5YAK2

A6XMH5

A8K5T0

B3KUR6

B4DI50

P0DJI9

Q7Z351

Q96JD0

S6B294

U5TZG9

Obese BC Only

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A2JA18

B2RMS9

O00602

P00488

P04196

P05109

Q53XB4

Q15430

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Q5R210

A0A024R6N9

A0A024RAX0

A0A087WSY5

H3BVI7

A0A087X089

C9J8S2

B0YIW1

A8K6C1

A0A0S2Z3V0

A0A140VJI7

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