

**Supplementary Table S3. Correlation of identified protein marker candidates with age.**  
Spearman's Rho for each identified protein marker candidate in each sample group is shown.  
Spearman's Rho < -0.5 and Spearman's Rho > 0.5 are highlighted in grey.

Diagnosis	Sample Origin	Sample Type	Correlation with Age (Spearman's Rho)							
			CA3 Ab#1	CA3 Ab#2	MDH2	MYL3	ETFA	ETFB	TNNT3	CK
DMD	UNEW	Plasma	<b>-0.73</b>	<b>-0.59</b>	<b>-0.82</b>	<b>-0.72</b>	<b>-0.84</b>	0.41	<b>-0.70</b>	-0.42
		Serum	<b>-0.69</b>	<b>-0.64</b>	<b>-0.83</b>	<b>-0.84</b>	<b>-0.85</b>	0.49	<b>-0.69</b>	<b>-0.82</b>
	LUMC	Serum	<b>-0.73</b>	<b>-0.61</b>	<b>-0.58</b>	<b>-0.75</b>	<b>-0.61</b>	0.33	<b>-0.53</b>	<b>-0.70</b>
		UCL	Plasma	<b>-0.61</b>	<b>-0.62</b>	<b>-0.70</b>	<b>-0.74</b>	<b>-0.76</b>	0.18	<b>-0.63</b>
	UNIFE	Plasma	-0.46	-0.39	<b>-0.77</b>	<b>-0.81</b>	<b>-0.84</b>	0.24	<b>-0.69</b>	-0.22
BMD	UNEW	Plasma	-0.48	<b>-0.54</b>	<b>-0.59</b>	<b>-0.57</b>	<b>-0.71</b>	0.30	<b>-0.57</b>	<b>-0.60</b>
		Serum	-0.31	-0.43	<b>-0.56</b>	<b>-0.57</b>	<b>-0.59</b>	0.23	<b>-0.59</b>	<b>-0.63</b>
	UNIFE	Plasma	0.05	-0.17	<b>-0.67</b>	<b>-0.72</b>	<b>-0.90</b>	<b>0.72</b>	-0.30	-0.20
FC	UNEW	Plasma	-0.02	-0.16	<b>-0.61</b>	<b>-0.52</b>	-0.24	0.36	-0.36	0.19
		Serum	0.07	0.00	<b>-0.57</b>	<b>-0.53</b>	-0.47	0.37	-0.28	<b>-0.68</b>
CONT	UNIFE	Plasma	0.20	-0.11	0.28	0.05	0.13	0.06	0.12	-0.15