Supplementary Table S1. Raw data for apparent ileal digestibility (AID) of amino acids in the white-flowered pea cv. Tarchalska.

Amino Acid	Treatment Combinations: Age of Broilers (14 or 28 d) by Protease Addition ('–' without or '+' with enzyme)			
	14 d –	14 d +	28 d –	28 d +
Asp	0.831370	0.832509	0.836655	0.841264
	0.836087	0.850148	0.847080	0.853434
	0.835107	0.825366	0.849988	0.829341
	0.837367	0.825038	0.842328	0.848030
	0.828359	0.854281	0.847921	0.836036
	0.814395	0.845669	0.829989	0.849107
Thr	0.744985	0.709605	0.741036	0.776466
	0.753203	0.756586	0.728665	0.824281
	0.719728	0.732086	0.769844	0.766148
	0.729716	0.727925	0.772362	0.770893
	0.707889	0.774555	0.786814	0.783051
	0.727037	0.771618	0.774228	0.797154
Ser	0.776159	0.746393	0.789280	0.804225
	0.785603	0.789622	0.765917	0.787855
	0.759725	0.778805	0.799021	0.780443
	0.807110	0.770112	0.796082	0.794798
	0.745660	0.811404	0.804796	0.806443
	0.756998	0.801546	0.805303	0.785222
Glu	0.877789	0.858994	0.884196	0.875530
	0.881328	0.893958	0.853322	0.885067
	0.868632	0.875837	0.877383	0.870111
	0.900951	0.875155	0.869107	0.884474
	0.883680	0.896655	0.873189	0.885601
	0.887464	0.888683	0.859190	0.881297
Pro	0.773598	0.765898	0.811601	0.783885
	0.772007	0.804663	0.788978	0.801061
	0.754100	0.794693	0.814889	0.763236
	0.815588	0.795096	0.791431	0.829096
	0.747626	0.829960	0.794065	0.813538
	0.761153	0.826683	0.768406	0.824252
Gly	0.792795	0.762756	0.796421	0.811024
	0.793802	0.809693	0.781199	0.848702
	0.774180	0.787765	0.813240	0.845356
	0.823182	0.784363	0.807130	0.809868
	0.755812	0.821199	0.812821	0.824700
	0.767504	0.817339	0.798374	0.830185
Ala	0.801542	0.770245	0.808476	0.822853
	0.803457	0.819531	0.784842	0.802415
	0.782656	0.796940	0.824367	0.807265
	0.831280	0.797372	0.811938	0.817832
	0.761286	0.832822	0.827636	0.833231
	0.775554	0.830054	0.807990	0.796374
Val	0.791768	0.763921	0.798567	0.798476
	0.794020	0.810964	0.770562	0.798728
	0.776318	0.788047	0.805342	0.783579
	0.821236	0.783703	0.797654	0.806434
	0.754533	0.821963	0.805123	0.815841
	0.768816	0.816932	0.785862	0.831190
Ile	0.758572	0.741102	0.782699	0.783181
	0.754425	0.792950	0.754958	0.777435
	0.762854	0.772511	0.797925	0.770500
	0.766547	0.767813	0.781225	0.794609

	0.749327	0.808768	0.794313	0.750352
	0.770980	0.803977	0.773849	0.766277
Leu	0.803907	0.811890	0.810095	0.803179
	0.811610	0.824517	0.778598	0.830813
	0.792310	0.838705	0.820314	0.789100
	0.804436	0.798214	0.800929	0.812456
	0.790749	0.833998	0.817078	0.803587
	0.803175	0.860120	0.795098	0.819437
Tyr	0.805904	0.778161	0.812157	0.821271
	0.800629	0.826131	0.808942	0.845498
	0.800253	0.788896	0.843663	0.845873
	0.826394	0.794960	0.814708	0.862658
	0.807918	0.839159	0.819590	0.813974
	0.833934	0.831207	0.786195	0.807026
Phe	0.826690	0.789461	0.832719	0.809244
	0.832523	0.834339	0.799875	0.837830
	0.816083	0.818778	0.834062	0.834343
	0.846062	0.815983	0.814238	0.858027
	0.834428	0.848532	0.819882	0.889953
	0.795213	0.842500	0.784144	0.806432
His	0.839487	0.800536	0.839375	0.826537
	0.843983	0.844560	0.817060	0.841343
	0.827403	0.828961	0.851810	0.836718
	0.855719	0.829822	0.825598	0.857511
	0.806213	0.860944	0.836389	0.813108
	0.816544	0.856030	0.814556	0.819139
Lys	0.836854	0.841785	0.843586	0.868270
	0.839679	0.884887	0.850662	0.895552
	0.859054	0.870380	0.850550	0.867191
	0.861074	0.869349	0.866659	0.876749
	0.854276	0.891390	0.846816	0.905217
	0.835367	0.884354	0.859866	0.886426
Arg	0.848348	0.883543	0.864049	0.881019
	0.846647	0.913642	0.862378	0.893490
	0.840646	0.897324	0.866621	0.864348
	0.854973	0.896759	0.859135	0.881648
	0.848862	0.916588	0.860850	0.880680
	0.861921	0.909396	0.847767	0.881376
Cys	0.715249	0.747537	0.773506	0.789170
	0.729605	0.806551	0.695307	0.778702
	0.764463	0.718331	0.711639	0.806696
	0.769103	0.760878	0.737223	0.718266
	0.754303	0.764216	0.729623	0.775434
	0.732566	0.733903	0.707284	0.745533
Met	0.785576	0.829278	0.864981	0.883675
	0.782837	0.867572	0.792733	0.871930
	0.844603	0.753343	0.843805	0.893143
	0.849846	0.877508	0.816204	0.773836
	0.878662	0.818830	0.837432	0.865336
	0.822363	0.816382	0.820397	0.789013

Supplementary Table S2. Raw data for apparent ileal digestibility (AID) of amino acids in the coloured-flowered pea cv. Milwa.

Amino Acid	Treatment Combinations: Age of Broilers (14 or 28 d) by Protease Addition ('–' without or '+' with enzyme)			
	14 d –	14 d +	28 d –	28 d +
Asp	0.691321	0.874390	0.852558	0.887679
	0.808066	0.819144	0.829904	0.865535
	0.759682	0.784275	0.834932	0.872783
	0.855606	0.809411	0.812276	0.836460
	0.829153	0.830032	0.810269	0.892579
	0.786632	0.823045	0.832707	0.841766
Thr	0.630093	0.847432	0.795991	0.861312
	0.760117	0.752218	0.767351	0.831220
	0.681811	0.724205	0.786775	0.847137
	0.808918	0.753549	0.755603	0.770393
	0.770510	0.803365	0.751855	0.852906
	0.735361	0.797393	0.770806	0.790714
Ser	0.675825	0.839875	0.817266	0.875524
	0.778043	0.790561	0.788574	0.828455
	0.743544	0.762891	0.790450	0.855773
	0.822717	0.781681	0.771207	0.771930
	0.806133	0.798903	0.765275	0.852479
	0.758732	0.783638	0.785649	0.790258
Glu	0.716197	0.888522	0.884367	0.918489
	0.829232	0.843313	0.858461	0.887725
	0.789736	0.801442	0.866066	0.904610
	0.869672	0.811291	0.836816	0.862918
	0.855407	0.842371	0.838281	0.914435
	0.804664	0.835226	0.852071	0.863728
Pro	0.611612	0.849062	0.811397	0.867293
	0.759162	0.757583	0.772024	0.838742
	0.686326	0.727392	0.802673	0.856670
	0.812332	0.757626	0.780081	0.790168
	0.765057	0.798608	0.775754	0.864670
	0.733930	0.791103	0.786393	0.803865
Gly	0.655661	0.849928	0.821694	0.859746
	0.778285	0.781771	0.789031	0.832436
	0.718420	0.756709	0.804374	0.841458
	0.823459	0.772033	0.778111	0.785893
	0.794570	0.808658	0.775092	0.855611
	0.762229	0.802270	0.767982	0.794867
Ala	0.664676	0.852379	0.839133	0.871315
	0.780520	0.790205	0.792371	0.842058
	0.730825	0.764807	0.812199	0.851343
	0.829322	0.772296	0.778373	0.792201
	0.807586	0.812595	0.778342	0.866455
	0.765359	0.802065	0.779518	0.801250
Val	0.641926	0.837159	0.813494	0.851544
	0.762794	0.771599	0.764634	0.822465
	0.707315	0.739486	0.781776	0.836980
	0.811721	0.753772	0.752055	0.776369
	0.787918	0.792219	0.751213	0.854045
	0.744010	0.779789	0.762853	0.789872
Ile	0.606007	0.824916	0.805213	0.842702
	0.739775	0.755616	0.753466	0.813412
	0.677454	0.721196	0.769789	0.825872
	0.796606	0.733640	0.740400	0.760125

	0.768396	0.776425	0.738760	0.842364
	0.718950	0.762371	0.747785	0.778371
Leu	0.624706	0.839649	0.820025	0.860719
	0.753774	0.777189	0.773792	0.828824
	0.705876	0.740554	0.789761	0.842517
	0.813284	0.750263	0.755489	0.784535
	0.793872	0.788441	0.755239	0.862025
	0.738631	0.779320	0.768007	0.794015
Tyr	0.730447	0.859765	0.842653	0.869423
	0.823373	0.804702	0.794742	0.855598
	0.786026	0.781583	0.795311	0.866223
	0.843750	0.773391	0.794222	0.823468
	0.834443	0.820364	0.796950	0.874816
	0.812065	0.810483	0.830259	0.832206
Phe	0.687022	0.854891	0.862990	0.872704
	0.803459	0.810329	0.811781	0.850489
	0.755701	0.778223	0.821145	0.857273
	0.840859	0.788485	0.796434	0.818385
	0.820709	0.815819	0.794791	0.877421
	0.777568	0.805510	0.809531	0.826190
His	0.737743	0.859820	0.888860	0.873763
	0.812774	0.817831	0.803494	0.851965
	0.781481	0.801458	0.821893	0.860266
	0.850258	0.809756	0.788177	0.814763
	0.823870	0.831317	0.788874	0.870034
	0.803134	0.814898	0.800028	0.832481
Lys	0.700589	0.897004	0.899735	0.913751
	0.830629	0.849849	0.850112	0.891381
	0.791621	0.804334	0.866491	0.901248
	0.875689	0.810426	0.829988	0.853993
	0.857043	0.848063	0.830216	0.912213
	0.801966	0.839000	0.838260	0.840450
Arg	0.745421	0.917758	0.914206	0.935067
	0.860566	0.883331	0.888205	0.910814
	0.832059	0.829532	0.888856	0.924750
	0.899823	0.835265	0.870358	0.899399
	0.895186	0.879137	0.875494	0.938086
	0.842071	0.865034	0.884068	0.901815
Cys	0.636091	0.571787	0.647932	0.688930
	0.649560	0.706885	0.643202	0.688889
	0.624596	0.648297	0.638822	0.653309
	0.666550	0.759150	0.639262	0.696228
	0.657180	0.673226	0.637833	0.655987
	0.658385	0.670891	0.642955	0.632603
Met	0.695344	0.662563	0.671778	0.797128
	0.717345	0.770522	0.732002	0.788087
	0.760415	0.765425	0.800729	0.803952
	0.772377	0.730462	0.778072	0.788377
	0.593203	0.789627	0.646104	0.776693
	0.779493	0.784516	0.781153	0.788678