

## Supplemental Table S1

### Rice Accessions Used in This Study:

#### Wild Accessions:

NSFTV #	Gene Bank #	Cornell RA #	Country of Origin	Species	BADH2 allele
401_C	IRGC 80433	RA 6970	India	<i>O. rufipogon</i>	WT
402_B	IRGC 80539	RA 6971	India	<i>O. spontanea</i>	WT
403_A	IRGC 80562	RA 6972	India	<i>O. rufipogon</i>	WT
404_A	IRGC 80582	RA 6973	India	<i>O. nivara</i>	WT
405_A	IRGC 80586	RA 6974	India	<i>O. spontanea</i>	WT
406_A	IRGC 80592	RA 6975	India	<i>O. rufipogon</i>	WT
407_C	IRGC 80742	RA 6976	Myanmar	<i>O. rufipogon</i>	WT
408_B	IRGC 80745	RA 6977	Myanmar	<i>O. spontanea</i>	WT
410_A	IRGC 80759	RA 6979	Myanmar	<i>O. nivara</i>	WT
411_B	IRGC 81801	RA 6980	Indonesia	<i>O. rufipogon</i>	WT
412_C	IRGC 81802	RA 6981	Indonesia	<i>O. rufipogon</i>	WT
413_A	IRGC 81850	RA 6982	India	<i>O. nivara</i>	WT
414_C	IRGC 81903	RA 6983	India	<i>O. spontanea</i>	WT
415_B	IRGC 81909	RA 6984	India	<i>O. spontanea</i>	WT
416_A	IRGC 81970	RA 6985	Thailand	<i>O. spontanea</i>	WT
417_B	IRGC 81976	RA 6986	Indonesia	<i>O. rufipogon</i>	WT
418_A	IRGC 81977	RA 6987	Indonesia	<i>O. rufipogon</i>	WT
420_A	IRGC 81984	RA 6989	Laos	<i>O. rufipogon</i>	WT
421_C	IRGC 81990	RA 6990	Myanmar	<i>O. rufipogon</i>	WT
422_A	IRGC 81993	RA 6991	Vietnam	<i>O. rufipogon</i>	WT
423_A	IRGC 81994	RA 6992	Papua New Guinea	<i>O. rufipogon</i>	WT
424_C	IRGC 81996	RA 6993	Papua New Guinea	<i>O. rufipogon</i>	WT
425_B	IRGC 82040	RA 6994	Thailand	<i>O. rufipogon</i>	WT
426_C	IRGC 82979	RA 6995	Thailand	<i>O. rufipogon</i>	WT
427_B	IRGC 82988	RA 6996	China	<i>O. rufipogon</i>	WT
428_A	IRGC 82989	RA 6997	China	<i>O. rufipogon</i>	WT
429_A	IRGC 82990	RA 6998	China	<i>O. rufipogon</i>	WT
430_B	IRGC 82991	RA 6999	China	<i>O. rufipogon</i>	WT
431_A	IRGC 82992	RA 7000	China	<i>O. rufipogon</i>	WT
432_B	IRGC 83794	RA 7001	Thailand	<i>O. rufipogon</i>	WT
433_A	IRGC 83795	RA 7002	India	<i>O. rufipogon</i>	WT
434_A	IRGC 83823	RA 7003	Vietnam	<i>O. rufipogon</i>	WT
435_C	IRGC 86448	RA 7004	Thailand	<i>O. rufipogon</i>	WT
436_A	IRGC 86454	RA 7005	Vietnam	<i>O. rufipogon</i>	WT

437_B	IRGC 86475	RA 7006	India	<i>O. rufipogon</i>	WT
438_B	IRGC 86476	RA 7007	India	<i>O. rufipogon</i>	WT
439_A	IRGC 86486	RA 7008	Thailand	<i>O. rufipogon</i>	WT
440_B	IRGC 88787	RA 7009	Bangladesh	<i>O. rufipogon</i>	WT
441_A	IRGC 92605	RA 7010	Indonesia	<i>O. rufipogon</i>	WT
442_A	IRGC 93181	RA 7011	Nepal	<i>O. nivara</i>	WT
443_B	IRGC 93183	RA 7012	Nepal	<i>O. nivara</i>	WT
444_A	IRGC 93188	RA 7013	Nepal	<i>O. nivara</i>	WT
445_B	IRGC 93189	RA 7014	Nepal	<i>O. nivara</i>	WT
446_A	IRGC 93224	RA 7015	Nepal	<i>O. spontanea</i>	WT
447_C	IRGC 93274	RA 7016	Indonesia	<i>O. rufipogon</i>	WT
449_A	IRGC 100195	RA 7018	Myanmar	<i>O. nivara</i>	WT
450_A	IRGC 100916	RA 7019	China	<i>O. rufipogon</i>	WT
451_B	IRGC 101508	RA 7020	India	<i>O. nivara</i>	WT
452_A	IRGC 103308	RA 7021	Taiwan	<i>O. rufipogon</i>	WT
453_C	IRGC 103404	RA 7022	Bangladesh	<i>O. rufipogon</i>	WT
454_B	IRGC 103821	RA 7023	China	<i>O. nivara</i>	WT
455_A	IRGC 103823	RA 7024	China	<i>O. rufipogon</i>	WT
456_A	IRGC 103824	RA 7025	China	<i>O. nivara</i>	WT
457_B	IRGC 103838	RA 7026	Bangladesh	<i>O. nivara</i>	WT
458_A	IRGC 103844	RA 7027	Bangladesh	<i>O. rufipogon</i>	WT
459_B	IRGC 103847	RA 7028	India	<i>O. rufipogon</i>	WT
460_C	IRGC 103848	RA 7029	India	<i>O. rufipogon</i>	WT
461_A	IRGC 104057	RA 7030	China	<i>O. rufipogon</i>	WT
462_A	IRGC 104501	RA 7031	India	<i>O. rufipogon</i>	WT
463_B	IRGC 104599	RA 7032	Sri Lanka	<i>O. rufipogon</i>	WT
464_A	IRGC 104602	RA 7033	Sri Lanka	<i>O. rufipogon</i>	WT
465_B	IRGC 104620	RA 7034	China	<i>O. spontanea</i>	WT
467_B	IRGC 104624	RA 7036	China	<i>O. rufipogon</i>	WT
468_B	IRGC 104626	RA 7037	China	<i>O. spontanea</i>	WT
469_A	IRGC 104628	RA 7038	China	<i>O. spontanea</i>	WT
470_A	IRGC 104632	RA 7039	China	<i>O. spontanea</i>	WT
471_C	IRGC 104634	RA 7040	China	<i>O. spontanea</i>	WT
472_B	IRGC 104636	RA 7041	China	<i>O. spontanea</i>	WT
473_C	IRGC 104644	RA 7042	Thailand	<i>O. nivara</i>	WT
474_A	IRGC 104714	RA 7043	Thailand	<i>O. rufipogon</i>	WT
475_B	IRGC 104823	RA 7044	Thailand	<i>O. nivara</i>	WT
476_A	IRGC 104959	RA 7045	China	<i>O. spontanea</i>	WT
477_A	IRGC 104967	RA 7046	China	<i>O. spontanea</i>	WT
478_B	IRGC 104971	RA 7047	China	<i>O. spontanea</i>	WT

479_A	IRGC 105220	RA 7048	Indonesia	<i>O. officianalis</i>	WT
480_B	IRGC 105250	RA 7049	Thailand	<i>O. rufipogon</i>	WT
481_C	IRGC 105343	RA 7050	India	<i>O. nivara</i>	WT
482_B	IRGC 105349	RA 7051	India	<i>O. rufipogon</i>	WT
483_C	IRGC 105375	RA 7052	Thailand	<i>O. rufipogon</i>	WT
484_C	IRGC 105388	RA 7053	Thailand	<i>O. rufipogon</i>	WT
485_A	IRGC 105400	RA 7054	China	<i>O. rufipogon</i>	WT
486_C	IRGC 105402	RA 7055	China	<i>O. rufipogon</i>	WT
487_C	IRGC 105428	RA 7056	Sri Lanka	<i>O. nivara</i>	WT
488_B	IRGC 105491	RA 7057	Malaysia	<i>O. rufipogon</i>	WT
489_A	IRGC 105564	RA 7058	Indonesia	<i>O. spontanea</i>	WT
490_C	IRGC 105567	RA 7059	Indonesia	<i>O. rufipogon</i>	WT
491_B	IRGC 105568	RA 7060	Philippines	<i>O. rufipogon</i>	WT
492_B	IRGC 105569	RA 7061	Cambodia	<i>O. rufipogon</i>	WT
493_A	IRGC 105706	RA 7062	Nepal	<i>O. nivara</i>	WT
494_A	IRGC 105711	RA 7063	India	<i>O. rufipogon</i>	WT
495_A	IRGC 105717	RA 7064	Cambodia	<i>O. nivara</i>	WT
496_A	IRGC 105720	RA 7065	Cambodia	<i>O. rufipogon</i>	WT
498_A	IRGC 105735	RA 7067	Cambodia	<i>O. rufipogon</i>	WT
499_B	IRGC 105767	RA 7068	Thailand	<i>O. rufipogon</i>	WT
500_A	IRGC 105785	RA 7069	Thailand	<i>O. nivara</i>	WT
501_B	IRGC 105821	RA 7070	Thailand	<i>O. nivara</i>	WT
503_B	IRGC 105843	RA 7072	Thailand	<i>O. rufipogon</i>	WT
504_A	IRGC 105847	RA 7073	Thailand	<i>O. rufipogon</i>	WT
505_A	IRGC 105855	RA 7074	Thailand	<i>O. rufipogon</i>	WT
507_C	IRGC 105881	RA 7076	Bangladesh	<i>O. rufipogon</i>	WT
508_A	IRGC 105890	RA 7077	Bangladesh	<i>O. rufipogon</i>	WT
509_A	IRGC 105897	RA 7078	Bangladesh	<i>O. rufipogon</i>	WT
510_A	IRGC 105898	RA 7079	Bangladesh	<i>O. rufipogon</i>	WT
511_B	IRGC 105909	RA 7080	Thailand	<i>O. rufipogon</i>	WT
512_A	IRGC 105942	RA 7081	Thailand	<i>O. rufipogon</i>	WT
513_A		RA 7082	Indonesia	<i>O. rufipogon</i>	WT
514_C	IRGC 105956	RA 7083	Indonesia	<i>O. rufipogon</i>	WT
515_A	IRGC 105958	RA 7084	Indonesia	<i>O. rufipogon</i>	WT
516_B	IRGC 106036	RA 7085	Malaysia	<i>O. rufipogon</i>	WT
517_A	IRGC 106057	RA 7086	India	<i>O. rufipogon</i>	WT
518_A	IRGC 106078	RA 7087	India	<i>O. rufipogon</i>	WT
519_B	IRGC 106115	RA 7088	India	<i>O. rufipogon</i>	WT
520_C		RA 7089	India	<i>O. rufipogon</i>	WT
521_C	IRGC 106145	RA 7090	Laos	<i>O. rufipogon</i>	WT

522_B	IRGC 106150	RA 7091	Laos	<i>O. rufipogon</i>	WT
523_A	IRGC 106155	RA 7092	Laos	<i>O. nivara</i>	WT
524_C	IRGC 106156	RA 7093	Laos	<i>O. rufipogon</i>	WT
525_B	IRGC 106161	RA 7094	Laos	<i>O. rufipogon</i>	WT
526_A		RA 7095	Laos	<i>O. rufipogon</i>	WT
528_A	IRGC 106168	RA 7097	Vietnam	<i>O. rufipogon</i>	WT
529_A	IRGC 106169	RA 7098	Vietnam	<i>O. rufipogon</i>	WT
530_B		RA 7099	Papua New Guinea	<i>O. rufipogon</i>	WT
531_C		RA 7100	Papua New Guinea	<i>O. rufipogon</i>	WT
533_B	IRGC 106327	RA 7102	Cambodia	<i>O. rufipogon</i>	WT
534_C	IRGC 106332	RA 7103	Cambodia	<i>O. rufipogon</i>	WT
535_C	IRGC 106342	RA 7104	Myanmar	<i>O. rufipogon</i>	WT
536_A	IRGC 106357	RA 7105	Myanmar	<i>O. rufipogon</i>	WT
537_B	IRGC 106384		Myanmar	<i>O. spontanea</i>	WT
538_A	IRGC 106410	RA 7107	Vietnam	<i>O. rufipogon</i>	WT
539_A		RA 7108	Vietnam	<i>O. rufipogon</i>	WT
540_C	IRGC 106413	RA 7109	Vietnam	<i>O. rufipogon</i>	WT
541_B	IRGC 106414	RA 7110	Vietnam	<i>O. rufipogon</i>	WT
542_A	IRGC 106415		Vietnam	<i>O. rufipogon</i>	WT
543_A	IRGC 106420	RA 7112	Vietnam	<i>O. rufipogon</i>	WT
544_B	IRGC 106452		Indonesia	<i>O. rufipogon</i>	WT
545_A	IRGC 106453	RA 7114	Indonesia	<i>O. rufipogon</i>	WT
546_B	IRGC 106509	RA 7115	Myanmar	<i>O. rufipogon</i>	WT
547_A	IRGC 105908	RA 7116	Thailand	<i>O. rufipogon</i>	WT
549_C	IRGC 81881	RA 7118	India	<i>O. rufipogon</i>	WT
550_B	IRGC 81887	RA 7119	India	<i>O. rufipogon</i>	WT
551_B	IRGC 100596	RA 6768	Taiwan	<i>O. rufipogon/O. nivara</i>	WT
552_C	IRGC 100920	RA 6770	Malaysia	<i>O. rufipogon x O. nivara</i>	WT
553_B	IRGC 100926	RA 6771	Myanmar	<i>O. rufipogon</i>	Het (WT/badh2.1)
554_A	IRGC 103305	RA 6772	Philippines	<i>O. rufipogon</i>	WT
554_B	IRGC 103305		Philippines	<i>O. rufipogon</i>	WT
555_B	IRGC 105349	RA 6773	India	<i>O. rufipogon</i>	WT
556_A	IRGC 105494	RA 6775	Myanmar	<i>O. rufipogon</i>	WT
557_B	IRGC 105567	RA 6776	Indonesia	<i>O. rufipogon</i>	WT
558_A	IRGC 105616	RA 6777	unknown	<i>O. rufipogon</i>	WT
559_C	IRGC 105618	RA 6778	unknown	<i>O. rufipogon</i>	WT
560_B		RA 6779	Cambodia	<i>O. rufipogon</i>	WT
561_C	IRGC 105868	RA 6780	Bangladesh	<i>O. rufipogon</i>	WT
562_C		RA 6781	Bangladesh	<i>O. rufipogon</i>	WT
563_A		RA 6782	Indonesia	<i>O. rufipogon</i>	WT

565_B		RA 6784	India	<i>O. rufipogon</i>	WT
566_B		RA 6785	Laos	<i>O. rufipogon</i>	WT
567_C	IRGC 106167	RA 6786	Vietnam	<i>O. rufipogon</i>	WT
568_A	IRGC 106263	RA 6787	Papua New Guinea	<i>O. rufipogon</i>	WT
569_A	IRGC 106264	RA 6788	Papua New Guinea	<i>O. rufipogon</i>	WT
570_A	IRGC 106266	RA 6789	Papua New Guinea	<i>O. rufipogon</i>	WT
574_A	IRGC 106270		Papua New Guinea	<i>O. rufipogon</i>	WT
574_B	IRGC 106270	RA 6793	Papua New Guinea	<i>O. rufipogon</i>	WT
575_A	IRGC 106272	RA 6794	Papua New Guinea	<i>O. rufipogon</i>	WT
576_C		RA 6795	Papua New Guinea	<i>O. rufipogon</i>	WT
577_A	IRGC 106274	RA 6796	Papua New Guinea	<i>O. rufipogon</i>	WT
578_B	IRGC 106275	RA 6797	Papua New Guinea	<i>O. rufipogon</i>	WT
579_C	IRGC 106276	RA 6798	Papua New Guinea	<i>O. rufipogon</i>	WT
581_A	IRGC 106278	RA 6800	Papua New Guinea	<i>O. rufipogon</i>	WT
582_C	IRGC 106279	RA 6801	Papua New Guinea	<i>O. rufipogon</i>	WT
583_B	IRGC 106280	RA 6802	Papua New Guinea	<i>O. rufipogon</i>	WT
584_A	IRGC 106282	RA 6803	Papua New Guinea	<i>O. rufipogon</i>	WT
585_B		RA 6804	Papua New Guinea	<i>O. rufipogon</i>	WT
587_B	IRGC 106285	RA 6806	Papua New Guinea	<i>O. rufipogon</i>	WT
588_C	IRGC 106286	RA 6807	Papua New Guinea	<i>O. rufipogon</i>	WT
590_C	IRGC 106289	RA 6809	Papua New Guinea	<i>O. rufipogon</i>	WT
591_A	IRGC 106290	RA 6810	Papua New Guinea	<i>O. rufipogon</i>	WT
592_B	IRGC 80671	RA 6811	India	<i>O. rufipogon</i>	WT
593_A	IRGC 105757	RA 6812	Thailand	<i>O. rufipogon</i>	WT
594_C		RA 6813	Vietnam	<i>O. rufipogon</i>	WT
599_A	IRGC 100183	RA 2772	India	<i>O. rufipogon x O. sativa</i>	WT
600_B	IRGC 100187	RA 2773	Malaysia	<i>O. sativa/O. rufipogon</i>	WT
602_A	IRGC 100900	RA 2775	India	<i>O. nivara/O. rufipogon</i>	WT
604_C	IRGC 100907	RA 2777	Taiwan	<i>O. rufipogon/O. nivara</i>	WT
605_C	IRGC 100911	RA 2778	Thailand	<i>O. nivara/O. rufipogon</i>	WT
655_B	IRGC 100898	RA 7757	India	<i>O. nivara</i>	WT
656_B	IRGC 104443	RA 7758	Thailand	<i>O. nivara</i>	WT
657_A	IRGC 104705	RA 7759	India	<i>O. nivara</i>	WT
658_B	IRGC 100912	RA 7760	Thailand	<i>O. nivara/O. rufipogon</i>	WT
659_B	IRGC 80774	RA7851	Philippines	<i>O. rufipogon</i>	WT
660_B	IRGC 82993	RA7852	China	<i>O. rufipogon</i>	WT
661_C	IRGC 99554	RA7853	China	<i>O. rufipogon</i>	WT
662_C	IRGC 99555	RA7854	China	<i>O. rufipogon</i>	WT
663_C	IRGC 99556	RA7855	China	<i>O. rufipogon</i>	WT
664_A	IRGC 100196	RA7856	Myanmar	<i>O. nivara</i>	WT

665_A	IRGC 100203	RA7857	Myanmar	<i>O. rufipogon/O. sativa</i>	WT
666_B	IRGC 100211	RA7858	India	<i>O. rufipogon</i>	WT
668_B	IRGC 100588	RA7860	Taiwan	<i>O. rufipogon</i>	WT
669_C	IRGC 100593	RA7861	Taiwan	<i>O. nivara</i>	WT
670_C	IRGC 100597	RA7862	Taiwan	<i>O. rufipogon</i>	WT
671_A	IRGC 100599	RA7863	Taiwan	<i>O. rufipogon</i>	WT
672_B	IRGC 100639	RA7864	Taiwan	<i>O. rufipogon</i>	WT
673_B	IRGC 100647	RA7865	Taiwan	<i>O. rufipogon</i>	WT
674_C	IRGC 100657	RA7866	Taiwan	<i>O. rufipogon</i>	WT
675_C	IRGC 100678	RA7867	Taiwan	<i>O. rufipogon</i>	WT
676_C	IRGC 100692	RA7868	Taiwan	<i>O. rufipogon</i>	WT
677_A	IRGC 100897	RA7869	India	<i>O. nivara</i>	WT
678_C	IRGC 100898	RA7870	India	<i>O. nivara</i>	WT
679_B	IRGC 100899	RA7871	India	<i>O. nivara</i>	WT
680_B	IRGC 100902	RA7872	India	<i>O. nivara/O. rufipogon</i>	WT
681_C	IRGC 100903	RA7873	India	<i>O. nivara</i>	WT
682_A	IRGC 100904	RA7874	Thailand	<i>O. rufipogon</i>	WT
683_A	IRGC 100918	RA7875	Cambodia	<i>O. nivara</i>	WT
684_A	IRGC 100920	RA7876	Malaysia	<i>O. rufipogon/O. nivara</i>	WT
685_A	IRGC 100923	RA7877	Myanmar	<i>O. rufipogon</i>	WT
686_C	IRGC 100926	RA7878	Myanmar	<i>O. nivara</i>	WT
687_A	IRGC 101193	RA7879	Taiwan	<i>O. rufipogon/O. sativa</i>	WT
688_A	IRGC 101450	RA7880	Taiwan	<i>O. rufipogon</i>	WT
690_C	IRGC 101942	RA7882	Malaysia	<i>O. rufipogon</i>	WT
691_A	IRGC 101967	RA7883	India	<i>O. nivara</i>	WT
692_C	IRGC 101979	RA7884	India	<i>O. rufipogon</i>	WT
693_A	IRGC 102116	RA7885	Cambodia	<i>O. rufipogon</i>	WT
694_B	IRGC 103306	RA7886	Taiwan	<i>O. rufipogon</i>	WT
695_A	IRGC 103407	RA7887	Sri Lanka	<i>O. rufipogon</i>	WT
696_B	IRGC 103415	RA7888	Sri Lanka	<i>O. rufipogon</i>	WT
698_A	IRGC 103418	RA7890	Sri Lanka	<i>O. rufipogon</i>	WT
700_A	IRGC 103423	RA7892	Sri Lanka	<i>O. nivara</i>	WT
701_B	IRGC 103813	RA7893	China	<i>O. nivara</i>	WT
702_B	IRGC 103814	RA7894	China	<i>O. nivara/O. rufipogon</i>	WT
703_A	IRGC 103817	RA7895	China	<i>O. nivara</i>	WT
704_B	IRGC 103818	RA7896	China	<i>O. rufipogon</i>	WT
705_B	IRGC 103822	RA7897	China	<i>O. nivara</i>	WT
706_B	IRGC 103825	RA7898	China	<i>O. rufipogon/O. nivara</i>	WT
707_B	IRGC 103835	RA7899	Bangladesh	<i>O. nivara</i>	WT
708_A	IRGC 103836	RA7900	Bangladesh	<i>O. nivara</i>	WT

709_A	IRGC 103837	RA7901	Bangladesh	<i>O. nivara</i>	WT
710_B	IRGC 103840	RA7902	Bangladesh	<i>O. nivara</i>	WT
711_A	IRGC 103841	RA7903	Bangladesh	<i>O. nivara</i>	WT
712_B	IRGC 103845	RA7904	India	<i>O. nivara</i>	WT
713_A	IRGC 104056	RA7905	China	<i>O. rufipogon/O. nivara</i>	WT
714_C	IRGC 104058	RA7906	China	<i>O. rufipogon/O. nivara</i>	WT
715_B	IRGC 104497	RA7907	Thailand	<i>O. rufipogon/O. nivara</i>	WT
716_B	IRGC 104647	RA7908	Thailand	<i>O. rufipogon</i>	WT
717_B	IRGC 104650	RA7909	Thailand	<i>O. nivara</i>	WT
718_C	IRGC 104670	RA7910	Thailand	<i>O. nivara</i>	WT
719_A	IRGC 104687	RA7911	India	<i>O. nivara</i>	WT
720_A	IRGC 104703	RA7912	India	<i>O. nivara</i>	WT
721_C	IRGC 104705	RA7913	India	<i>O. nivara</i>	WT
722_A	IRGC 104962	RA7914	China	<i>O. rufipogon/O. nivara</i>	WT
723_B	IRGC 104969	RA7915	China	<i>O. rufipogon/O. nivara</i>	WT
724_C	IRGC 104999	RA7916	Indonesia	<i>O. rufipogon</i>	WT
725_A	IRGC 105319	RA7917	India	<i>O. nivara</i>	WT
727_B	IRGC 105391	RA7919	Thailand	<i>O. nivara</i>	WT
728_A	IRGC 105397	RA7920	China	<i>O. rufipogon/O. nivara</i>	WT
729_C	IRGC 105403	RA7921	China	<i>O. rufipogon/O. nivara</i>	WT
731_C	IRGC 105424	RA7923	Sri Lanka	<i>O. rufipogon</i>	WT
732_C	IRGC 105431	RA7924	Sri Lanka	<i>O. nivara</i>	WT
733_B	IRGC 105444	RA7925	Sri Lanka	<i>O. nivara</i>	WT
734_C	IRGC 105487	RA7926	Thailand	<i>O. rufipogon</i>	WT
735_C	IRGC 105493	RA7927	Myanmar	<i>O. rufipogon</i>	WT
737_B	IRGC 105599	RA7929	Thailand	<i>O. rufipogon</i>	WT
738_B	IRGC 105601	RA7930	Thailand	<i>O. rufipogon/O. nivara</i>	WT
740_C	IRGC 105622	RA7932	India	<i>O. rufipogon</i>	WT
741_A	IRGC 105624	RA7933	India	<i>O. nivara</i>	WT
742_C	IRGC 105625	RA7934	India	<i>O. nivara</i>	WT
743_C	IRGC 105705	RA7935	NPL	<i>O. nivara</i>	WT
744_A	IRGC 105716	RA7936	Cambodia	<i>O. nivara</i>	WT
745_A	IRGC 105738	RA7937	Cambodia	<i>O. rufipogon</i>	WT
746_B	IRGC 105740	RA7938	Cambodia	<i>O. nivara</i>	WT
747_C	IRGC 105742	RA7939	Cambodia	<i>O. nivara</i>	WT
748_C	IRGC 105763	RA7940	Thailand	<i>O. nivara</i>	WT
749_C	IRGC 105867	RA7941	Thailand	<i>O. nivara</i>	WT
751_C	IRGC 105895	RA7943	Bangladesh	<i>O. nivara</i>	WT
752_A	IRGC 105901	RA7944	Bangladesh	<i>O. rufipogon</i>	WT
753_B	IRGC 105960	RA7945	Bangladesh	<i>O. rufipogon</i>	WT

755_B	IRGC 106103	RA7947	India	<i>O. rufipogon</i>	WT
757_A	IRGC 106148	RA7949	Laos	<i>O. nivara</i>	WT
759_A	IRGC 106336	RA7951	Cambodia	<i>O. rufipogon</i>	WT
760_A	IRGC 106345	RA7952	Myanmar	<i>O. nivara</i>	WT
762_C	IRGC 106396	RA7954	Myanmar	<i>O. nivara</i>	WT

***O. sativa* accessions:**

NSFTV #	Gene Bank #	Cornell RA #	Accession Name	Country of Origin	Subpopulation	<i>BADH2</i> allele	[2AP]
001	IRGC 3135	RA 7137	Agostano	Italy	<i>temperate japonica</i>	WT	<0.05
003	IRGC 51250	RA 7139	Ai-Chiao-Hong	China	<i>indica</i>	WT	<0.05
004	IRGC 12386	RA 7140	ARC 10177	India	<i>aus</i>	WT	<0.05
005	IRGC 12440	RA 7141	ARC 10352	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.48
006	IRGC 12331	RA 7142	ARC 7229	India	<i>aus</i>	WT	N/A
007	IRGC 43325	RA 7143	Arias	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	1.07
008	IRGC 6949	RA 7144	Asse Y Pung	Philippines	<i>tropical japonica</i>	<i>badh2.1</i>	0.42
009	IRGC 33984	RA 7145	Baber	India	<i>tropical japonica</i>	WT	N/A
011	IRGC 6590	RA 7147	Baugamon 14	Bangladesh	<i>aus</i>	WT	<0.05
012	IRGC 27805	RA 7148	Basmati	Pakistan	<i>Group V (aromatic)</i>	WT	<0.05
013	IRGC 27798	RA 7149	Basmati 1	Pakistan	<i>aus</i>	WT	<0.05
014	IRGC 53637	RA 7150	Basmati 217	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
015	IRGC 55457	RA 7151	Beonjo	Korea	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
016	IRGC 38994	RA 7152	Bico Branco	Brazil	<i>Group V (aromatic)</i>	WT	<0.05
017	IRGC 26872	RA 7153	Binulawan	Philippines	<i>indica</i>	WT	<0.05
018	IRGC 45195	RA 7154	BJ 1	India	<i>aus</i>	WT	<0.05
019	IRGC 40275	RA 7155	BLACK GORA	India	<i>aus</i>	WT	<0.05
021	Clor 12248	RA 7157	Byakkoku Y 5006 Seln	Australia	<i>indica</i>	WT	<0.05
023	IRGC 50448	RA 7159	Canella De Ferro	Brazil	<i>tropical japonica</i>	WT	<0.05
027	IRGC 27869	RA 7163	Chahora 144	Pakistan	<i>tropical japonica</i>	WT	<0.05
028	IRGC 30238	RA 7164	Champa Tong 54	Thailand	<i>aus</i>	WT	<0.05
029	IRGC 56036	RA 7165	Chau	Vietnam	<i>indica</i>	WT	N/A
030	IRGC 10214	RA 7166	Chiem Chanh	Vietnam	<i>indica</i>	WT	<0.05
031	PI 431222	RA 7167	Chinese	China	<i>temperate japonica</i>	WT	<0.05
033	IRGC 17052	RA 7169	Chuan 4	Taiwan	<i>aus</i>	WT	<0.05
034	IRGC 3697	RA 7170	CO 25	India	<i>indica</i>	WT	N/A
035	IRGC 6331	RA 7171	CO18	India	<i>indica</i>	WT	<0.05
036	Clor 9675	RA 7172	Cs-M3	USA	<i>temperate japonica</i>	WT	N/A
037	IRGC 10658	RA 7173	Cuba 65	Cuba	<i>tropical japonica</i>	WT	<0.05
038	IRGC 5855	RA 7174	DA 5	Bangladesh	<i>tropical japonica</i>	WT	<0.05
041	IRGC 27630	RA 7177	Darmali	Nepal	<i>tropical japonica</i>	WT	<0.05
042	IRGC 8244	RA 7178	Davao	Philippines	<i>tropical japonica</i>	WT	<0.05



043	PI 279131	RA 7179	Dee Geo Woo Gen	Taiwan	<i>indica</i>	WT	<0.05
044	IRGC 3686	RA 7180	Dhala Shaitta	Bangladesh	<i>aus</i>	WT	<0.05
045	PI 584607	RA 7181	DOM-SOFID	Iran	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.26
046	IRGC 3297	RA 7182	Dourado Agulha	Brazil	<i>tropical japonica</i>	WT	<0.05
049	IRGC 8839	RA 7185	DV85	Bangladesh	<i>aus</i>	WT	<0.05
050	IRGC 8555	RA 7186	DZ78	Bangladesh	<i>aus</i>	WT	<0.05
051	Clor 9738	RA 7187	Early Wataribune	Japan	<i>temperate japonica</i>	WT	<0.05
052	IRGC 8241	RA 7188	EH-1A-Chiu	Taiwan	<i>tropical japonica</i>	WT	N/A
053	IRGC 39261	RA 7189	Firooz	Iran	<i>Group V (aromatic)</i>	WT	<0.05
054	Clor 1344	RA 7190	Fortuna	USA	<i>tropical japonica</i>	WT	<0.05
055	IRGC 32300	RA 7191	Gerdeh	Iran	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.35
056	PI 597018	RA 7192	Geumobyeyo	Korea	<i>temperate japonica</i>	WT	<0.05
057	IRGC 32303	RA 7193	Gharib	Iran	<i>indica</i>	WT	N/A
058	IRGC 58278	RA 7194	Ghati Kamma Nangarhar	Afghanistan	<i>aus</i>	WT	<0.05
059	IRGC 43394	RA 7195	Gogo Lempuk	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
060	IRGC 43397	RA 7196	Gotak Gatik	Indonesia	<i>tropical japonica</i>	WT	<0.05
061	IRGC 51300	RA 7197	Guan-Yin-Tsan	China	<i>indica</i>	WT	<0.05
065	IRGC 1717	RA 7201	Honduras	Honduras	<i>tropical japonica</i>	WT	<0.05
066	IRGC 8240	RA 7202	Hsia-Chioh-Keh-Tu	Taiwan	<i>indica</i>	WT	<0.05
067	IRGC 8264	RA 7203	Hu Lo Tao	China	<i>temperate japonica</i>	WT	<0.05
069	IRGC 19642	RA 7205	IAC 25	Brazil	<i>tropical japonica</i>	WT	<0.05
071	IRGC 30416	RA 7207	IR 36	Philippines	<i>indica</i>	WT	<0.05
072	PI 312627	RA 7208	IR 8	Philippines	<i>indica</i>	WT	<0.05
073	GID 58752D	RA 7209	IRAT 177	French Guiana	<i>tropical japonica</i>	WT	<0.05
075	IRGC 17757	RA 7211	Jambu	Indonesia	<i>tropical japonica</i>	WT	<0.05
076	IRGC 11099	RA 7212	Jaya	India	<i>indica</i>	WT	<0.05
077	IRGC 9070	RA 7213	JC149	India	<i>indica</i>	WT	N/A
078	IRGC 6307	RA 7214	Jhona 349	India	<i>aus</i>	WT	<0.05
079	N/A	RA 7215	Jouiku 393G	Japan	<i>temperate japonica</i>	WT	<0.05
081	IRGC 45975	RA 7217	Kalamkati	India	<i>aus</i>	WT	<0.05
083	PI 403629	RA 7219	Kamenoo	Japan	<i>temperate japonica</i>	WT	<0.05
085	HO1195E	RA 7221	Kasalath	India	<i>aus</i>	WT	<0.05
087	IRGC 19972	RA 7223	Keriting Tingii	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	0.47
088	IRGC 24224	RA 7224	Khao Gaew	Thailand	<i>aus</i>	WT	<0.05
089	IRGC 24225	RA 7225	Khao Hawm	Thailand	<i>tropical japonica</i>	WT	<0.05
090	IRGC 8180	RA 7226	Kiang-Chou-Chiu	Taiwan	<i>indica</i>	WT	<0.05
092	IRGC 3782	RA 7228	Kinastano	Philippines	<i>tropical japonica</i>	WT	<0.05
093	IRGC 12793	RA 7229	Kitrana 508	Madagascar	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.48
094	PI 330464	RA 7230	Koshihikari	Japan	<i>temperate japonica</i>	WT	<0.05
095	IRGC 2545	RA 7231	Kotobuki Mochi	Japan	<i>tropical japonica</i>	WT	<0.05

096	PI 597044	RA 7232	KU115	Thailand	<i>tropical japonica</i>	WT	N/A
097	IRGC 8195	RA 7233	Kun-Min-Tsieh-Hunan	China	<i>indica</i>	WT	<0.05
098	IRGC 66292	RA 7234	L-202	USA	<i>tropical japonica</i>	WT	<0.05
099	IRGC 14957	RA 7235	LAC 23	Liberia	<i>tropical japonica</i>	WT	<0.05
101	IRGC 66756	RA 7237	Lemont	USA	<i>tropical japonica</i>	WT	<0.05
102	IRGC 27762	RA 7238	Leung Pratew	Thailand	<i>temperate japonica</i>	WT	<0.05
103	IRGC 58286	RA 7239	Luk Takhar	Afghanistan	<i>temperate japonica</i>	WT	<0.05
105	IRGC12883	RA 7241	Mehr	Iran	<i>aus</i>	WT	<0.05
107	IRGC 25901	RA 7243	Miriti	Bangladesh	<i>tropical japonica</i>	WT	<0.05
108	IRGC 12048	RA 7244	Moroberekan	Guinea	<i>tropical japonica</i>	WT	<0.05
110	IRGC 6663	RA 7246	Mudgo	India	<i>indica</i>	WT	<0.05
111	IRGC 6264	RA 7247	N 22	India	<i>tropical japonica</i>	WT	<0.05
112	IRGC 6298	RA 7248	N12	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.47
113	IRGC 418	RA 7249	NORIN 20	Japan	<i>temperate japonica</i>	WT	<0.05
114	Clor 9459	RA 7250	Nova	USA	<i>temperate japonica</i>	WT	<0.05
115	IRGC 38696	RA 7251	NPE 835	Pakistan	<i>temperate japonica</i>	WT	<0.05
116	IRGC 38698	RA 7252	NPE 844	Pakistan	<i>tropical japonica</i>	WT	<0.05
117	IRGC 8179	RA 7253	O-LUEN-CHEUNG	Taiwan	<i>indica</i>	WT	<0.05
118	PI 439118	RA 7254	Oro	Chile	<i>temperate japonica</i>	WT	<0.05
119	PI 584668	RA 7255	Oryzica Llanos 5	Colombia	<i>indica</i>	WT	<0.05
120	PI 458474	RA 7256	OS6	Nigeria	<i>tropical japonica</i>	WT	<0.05
121	Clor 8	RA 7257	Ostiglia	Argentina	<i>temperate japonica</i>	WT	<0.05
122	IRGC 8261	RA 7258	Padi Kasalle	Indonesia	<i>tropical japonica</i>	WT	<0.05
125	IRGC 51400	RA 7261	Pao-Tou-Hung	China	<i>indica</i>	WT	<0.05
126	IRGC 8268	RA 7262	Pappaku	Taiwan	<i>indica</i>	WT	N/A
128	IRGC 5766	RA 7264	Pato De Gallinazo	Australia	<i>temperate japonica</i>	WT	<0.05
129	IRGC 8238	RA 7265	Peh-Kuh	Taiwan	<i>indica</i>	WT	<0.05
130	IRGC 8237	RA 7266	Peh-Kuh-Tsao-Tu	Taiwan	<i>indica</i>	WT	<0.05
131	IRGC 32399	RA 7267	Phudugey	Bhutan	<i>aus</i>	WT	<0.05
132	IRGC 8952	RA 7268	Rathuwee	Sri Lanka	<i>indica</i>	<i>badh2.1</i>	0.29
134	PI 433512	RA 7270	Romeo	Italy	<i>temperate japonica</i>	WT	<0.05
135	IRGC 15092	RA 7271	RT 1031-69	Zaire	<i>tropical japonica</i>	WT	<0.05
136	IRGC 8234	RA 7272	RTS12	Vietnam	<i>indica</i>	<i>badh2.1</i>	0.46
137	IRGC 8178	RA 7273	RTS14	Vietnam	<i>indica</i>	WT	<0.05
138	IRGC 8177	RA 7274	RTS4	Vietnam	<i>indica</i>	WT	<0.05
139	IRGC 1923	RA 7275	S4542A3-49B-2B12	USA	<i>tropical japonica</i>	WT	<0.05
140	Clor 9540	RA 7276	Saturn	USA	<i>temperate japonica</i>	WT	<0.05
141	IRGC 8260	RA 7277	Seratoes Hari	Indonesia	<i>indica</i>	WT	<0.05
143	Clor 1642	RA 7279	Shinriki	Japan	<i>temperate japonica</i>	WT	<0.05
146	IRGC 8242	RA 7282	Shuang-Chiang	Taiwan	<i>indica</i>	WT	N/A

147	IRGC 3967	RA 7283	Sinampaga Selection	Philippines	<i>tropical japonica</i>	WT	<0.05
148	IRGC 5418	RA 7284	Sintane Diofor	Burkino Faso	<i>indica</i>	WT	<0.05
149	Clor 3337	RA 7285	SINAGUING	Philippines	<i>tropical japonica</i>	WT	<0.05
150	Clor 1658	RA 7286	Sultani	Egypt	<i>tropical japonica</i>	WT	<0.05
152	IRGC 6294	RA 7288	T 1	India	<i>aus</i>	WT	<0.05
154	IRGC 1107	RA 7290	TA HUNG KU	China	<i>temperate japonica</i>	WT	<0.05
155	IRGC 8194	RA 7291	Ta Mao Tsao	China	<i>temperate japonica</i>	WT	<0.05
156	PI 271672	RA 7292	Taichung Native 1	Taiwan	<i>indica</i>	WT	<0.05
157	PI 215936	RA 7293	Tainan Iku 487	Taiwan	<i>temperate japonica</i>	WT	<0.05
158	PI 366153	RA 7294	Taipei 309	Taiwan	<i>temperate japonica</i>	WT	<0.05
160	IRGC 32362	RA 7296	Tchampa	Iran	<i>Group V (aromatic)</i>	WT	<0.05
161	PI 536047	RA 7297	Teqing	China	<i>indica</i>	WT	<0.05
162	IRGC 237	RA 7298	TKM6	India	<i>indica</i>	WT	<0.05
163	PI 280681	RA 7299	Taducan	Philippines	<i>indica</i>	WT	<0.05
164	IRGC 3575	RA 7300	Tondok	Indonesia	<i>tropical japonica</i>	WT	<0.05
165	IRGC 43675	RA 7301	Trembese	Indonesia	<i>tropical japonica</i>	WT	<0.05
167	Clor 9881	RA 7303	B6616A4-22-Bk-5-4	USA	<i>tropical japonica</i>	WT	<0.05
169	Clor 5309	RA 7305	WC 6	China	<i>tropical japonica</i>	<i>badh2.1</i>	0.53
170	PI 612439	RA 7306	Wells	USA	<i>tropical japonica</i>	WT	<0.05
171	PI 629016	RA 7307	Zhe 733	China	<i>indica</i>	WT	<0.05
172	PI 602624	RA 7308	Zhenshan 2	China	<i>indica</i>	WT	<0.05
173	IRGC 117274	RA 7309	Nipponbare	Japan	<i>temperate japonica</i>	WT	<0.05
174	IRIS 2254730	RA 7310	Azucena	Philippines	<i>tropical japonica</i>	<i>badh2.1</i>	0.31
391	Clor 9483	RA 7527	Della	USA	<i>tropical japonica</i>	<i>badh2.1</i>	1.43
	IRGC 52266	RA 2221	Ambemohar 1	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 78469	RA 2225	Basmati Mehtrah	India	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 79560	RA 2226	Basmati Bahar (shorter grain)	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.27
	IRGC 27815	RA 2232	Basmati 213	Pakistan	<i>indica</i>	WT	N/A
	IRGC 27822	RA 2237	Basmati 370B	Pakistan	<i>Group V (aromatic)</i>	WT	N/A
		RA 2239	Basmati 150	India	<i>Group V (aromatic)</i>	WT	N/A
	IRGC 53827	RA 2248	BPT1235	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
		RA 2250	Bogi Joha	India	<i>indica</i>	WT	N/A
		RA 2253	Barhail	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
		RA 2254	Blomberg	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 45298	RA 2258	Chinisakkar	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 43805	RA 2259	Chinigura	Bangladesh	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 78476	RA 2262	Dulhamiya	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 8628	RA 2264	DD66	Bangladesh	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
CCSHAU		RA 2271	Haryana Basmati1	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
CCSHAU		RA 2277	HKR93-401	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A

CCSHAU		RA 2278	Tararori Basmati	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.68
	IRGC 78422	RA 2279	Pusa basmati-1	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
CCSHAU		RA 2280	HBC-19	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	N/A
	IRGC 27748	RA 4878	Khao Dawk Mali 105	Thailand	<i>indica</i>	<i>badh2.1</i>	1.21
	IRIS 2254721	RA 4891	FR13 A	India	<i>aus</i>	WT	<0.05
	IRGC 27513	RA 4984	Dholi Boro	Bangladesh	<i>indica</i>	WT	<0.05
		RA 5133	IR64	Philippines	<i>indica</i>	WT	<0.05
JP13	collect in Indo	RA 5756	P. Pulut Longbanga	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
JP152	collect in Indo	RA 5895	P. Telengusan	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
JP176	collect in Indo	RA 5919	P. Ciu	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
JP178	collect in Indo	RA 5921	P. Ikeng	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
JP186	collect in Indo	RA 5929	P. Pampang	Indonesia	<i>indica</i>	<i>badh2.1</i>	N/A
JP187	collect in Indo	RA 5930	P. Gadis	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
JP55	collect in Indo	RA 5798	P. Pulut Mbau	Indonesia	<i>tropical japonica</i>	<i>badh2.1</i>	N/A
		RA 8126	Q74	Malaysia	<i>indica</i>	<i>badh2.1</i>	0.70
		RA 8127	Nang Thom Cho Dao	Vietnam	<i>indica</i>	<i>badh2.1</i>	0.28
		RA 8130	RD33	Thailand	<i>indica</i>	<i>badh2.1</i>	0.66
		RA 8131	PTT1	Thailand	<i>indica</i>	<i>badh2.1</i>	0.21
		RA 8132	RD6	Thailand	<i>indica</i>	<i>badh2.1</i>	0.43
		RA 8135	OM3536	Vietnam	<i>indica</i>	<i>badh2.1</i>	0.34
		RA 8136	Basmati 2000	Pakistan	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.26
		RA 8141	Nho Thom	Vietnam	<i>indica</i>	<i>badh2.1</i>	0.63
		RA 8147	Chao do	Laos	<i>indica</i>	<i>badh2.1</i>	0.19
		RA 8155	HNN	Laos	<i>indica</i>	<i>badh2.1</i>	0.36
	IRGC 6148	RA 8157	AMBEMOHOR 157	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.84
	IRGC 20310	RA 8158	ARC 6011	India	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.13
	IRGC 27781	RA 8159	BARA 413	Pakistan	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.89
	IRGC 29258	RA 8160	BASFUL 714	Bangladesh	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.90
	IRGC 10330	RA 8162	BASMATI 6311	Pakistan	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.41
	IRGC 9027	RA 8163	BASMATI C 622	Pakistan	<i>Group V (aromatic)</i>	<i>badh2.1</i>	0.82
	IRGC 5857	RA 8169	DA13	Bangladesh	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.70
	IRGC 32291	RA 8171	DOMSIAH	Iran	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.68
	IRGC 27953	RA 8174	HARANDI 379	Pakistan	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.21
	IRGC 32329	RA 8175	SADRI	Iran	<i>Group V (aromatic)</i>	<i>badh2.1</i>	1.08
	IRGC 42736	RA 8176	ARC 13523	India	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 20330	RA 8177	ARC 6070	India	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 27856	RA 8178	BEGUMI 302	Pakistan	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 32390	RA 8181	FARANGEY	Bhutan	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 58288	RA 8182	MAHIN KUNDUZ	Afghanistan	<i>Group V (aromatic)</i>	WT	<0.05
	IRGC 4802	RA 8183	RANDHANIPAGAL(SCENTED)	China	<i>temperate japonica</i>	WT	<0.05

IRGC 9026	RA 8185	BASMATI 370	India	Group V (aromatic)	badh2.1	0.87
IRGC 32985	RA 8186	BOKEHMWE	Myanmar	indica	badh2.1	1.60
IRGC 16107	RA 8187	GUOR LAO	Vietnam	indica	badh2.1	1.32
IRGC 9092	RA 8188	JC220	India	Group V (aromatic)	badh2.1	0.47
IRGC 33357	RA 8189	MA WAINE OHN	Myanmar	indica	badh2.1	1.00
IRGC 33571	RA 8191	PAWSANHMWE	Myanmar	indica	badh2.1	1.41
IRGC 78747	RA 8193	TAINUNG SEN 20	Taiwan	indica	badh2.1	0.68
IRGC 233103	RA 8195	Aus Basmati	India	Group V (aromatic)	badh2.1	0.43
IRGC 385453	RA 8200	Basmati 410	India	Group V (aromatic)	badh2.1	0.63
IRGC 385785	RA 8201	Basmati Lal	Pakistan	Group V (aromatic)	badh2.1	N/A
IRGC 412772	RA 8206	Basmati 802	Pakistan	Group V (aromatic)	badh2.1	1.21
IRGC 412852	RA 8208	Karnal Basmati	Pakistan	Group V (aromatic)	badh2.1	N/A
IRGC 584591	RA 8222	YUN AROMATIC GLUTINOUS	China	indica	badh2.1	N/A
IRGC 595927	RA 8224	JASMINE 85	USA	indica	badh2.1	0.38
GSOR 310319	RA 8230	BC5-55	India	indica	badh2.1	N/A
GSOR 311134	RA 8231	Sathi Basmati	Pakistan	Group V (aromatic)	badh2.1	0.44
GSOR 311216	RA 8232	Basmati 802	Pakistan	Group V (aromatic)	badh2.1	1.21
IRGC 77952	RA 8362	Bidor	Malaysia	tropical japonica	badh2.1	N/A
IRGC 77954	RA 8364	Coreng	Malaysia	tropical japonica	badh2.1	N/A
IRGC 115287	RA 8395	Ble Ma Mua	Vietnam	tropical japonica	WT	N/A
IRGC 9877	RA 8503	Kalijira	Bangladesh	Group V (aromatic)	badh2.1	0.20
IRGC 66247	RA 8514	Sadri Ghermes	Iran	Group V (aromatic)	badh2.1	N/A
IRGC 78480	RA 8516	Jasmine Scented	Thailand	indica	badh2.1	0.84
IRGC 87902	RA 8521	Somaly Krar-oob	Cambodia	indica	badh2.1	N/A
IRGC 27798	F14	Basmati 1_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.73
IRGC 27815	F16	Basmati 213_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.26
IRGC 27819	F17	Basmati 334_IRRI	Pakistan	Group V (aromatic)	WT	<0.05
IRGC 27822	F18	Basmati 370B_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.73
IRGC 27824	F19	Basmati 372A_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.67
IRGC 27869	F20	Chahora 144_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.39
IRGC 30238	F21	Champa Tong 54_IRRI	Thailand	indica	badh2.1	0.27
IRGC 9091	F3	JC1_IRRI	India	Group V (aromatic)	badh2.1	0.91
IRGC 78470	F33	Basmati sathi_IRRI	India	Group V (aromatic)	badh2.1	0.35
IRGC 5999	F38	Pankhari 203_IRRI	India	Group V (aromatic)	badh2.1	0.46
IRGC 7937	F4	Pratao_IRRI	Brazil	indica	WT	<0.05
IRGC 42469	F58	ARC 13829_IRRI	India	Group V (aromatic)	WT	<0.05
IRGC 9036	F61	Basmati 6113_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.40
IRGC 9030	F63	Basmati 5836_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.73
IRGC 27805	F75	Basmati 122_IRRI	Pakistan	Group V (aromatic)	badh2.1	0.16
IRGC 58930	F79	Chhote Dhan_IRRI	Nepal	Group V (aromatic)	WT	<0.05

IRGC 78469	F80	Basmati mehtrah_IRRI	India	<i>Group V (aromatic)</i>	WT	<0.05
IRGC 6245	AUS1	DA16	Bangladesh	<i>aus</i>	WT	N/A
IRGC 6307	AUS2	JHONA 349	India	<i>aus</i>	WT	<0.05
IRGC 6422	AUS3	DA8	Bangladesh	<i>aus</i>	WT	N/A
IRGC 7702	AUS4	KALUBALA VEE	Sri Lanka	<i>aus</i>	WT	N/A
IRGC 9069	AUS5	JC148	India	<i>aus</i>	WT	N/A
IRGC 25835	AUS6	BAILAM	Bangladesh	<i>aus</i>	WT	N/A
IRGC 25852	AUS7	DUMAI	Bangladesh	<i>aus</i>	WT	N/A
IRGC 32300	AUS8	GERDEH	Iran	<i>aus</i>	WT	N/A
IRGC 34712	AUS9	LAKHI PURI	Bangladesh	<i>aus</i>	WT	N/A

### Fragrant Accessions Lacking Known Derived *BADH2* Alleles:

Code	Gene Bank #	Cornell RA #	Accession Name	Country of Origin	Subpopulation	<i>BADH2</i> allele	[2AP]
ANF4	IRGC 28473	RA 8203	HSIANG-KENG-NUO	China	<i>tropical japonica</i>	<i>badh2.2</i>	0.66
ANF10	IRGC 69874	RA 8515	RASOMOTRAFOTSY	Madagascar	<i>tropical japonica</i>	<i>badh2.3</i>	0.74
ANF3	IRGC 27348	RA 8507	PARE BAINE PULUT	Indonesia	<i>tropical japonica</i>	<i>badh2.4</i>	0.59
ANF9	IRGC 52787	RA 8513	VISHUNPARAG	India	<i>aus</i>	<i>badh2.5</i>	0.41
ANF1	IRGC 13453	RA 8505	PADI WANGI	Malaysia	<i>indica</i>	<i>badh2.6</i>	0.70
ANF6	IRGC 34975	RA 8510	KATAK TARA	India	<i>aus</i>	<i>badh2.7</i>	0.37
ANF7	IRGC 36394	RA 8511	SUWANDA AL	Sri Lanka	<i>aus</i>	<i>badh2.7</i>	0.30
ANF8	IRGC 44204	RA 8512	UPRB28	India	<i>aus</i>	<i>badh2.7</i>	0.42
ANF11	IRGC 82408	RA 8518	BASMATI BAHAR(L-GRAIN)	India	<i>aus</i>	<i>badh2.7</i>	0.38
ANF12	IRGC 83308	RA 8519	BASMATI	Nepal	<i>aus</i>	<i>badh2.7</i>	0.32
ANF13	IRGC 83309	RA 8520	BASMATI	Nepal	<i>aus</i>	<i>badh2.7</i>	0.77
ANF5	IRGC 33858	RA 8509	YANGON SABA	Myanmar	<i>Group V (aromatic)</i>	<i>badh2.8</i>	0.31
F22	IRGC 32960	RA 8508	Balugyun_IRRI	Myanmar	<i>Group V (aromatic)</i>	<i>badh2.8</i>	0.42
SR5	IRGC 97793	RA 8524	Paw San Hmwe_IRRI	Myanmar	<i>Group V (aromatic)</i>	<i>badh2.8</i>	0.43
			Paw San Hmwe_METAPHOR	Myanmar		<i>badh2.8</i>	0.49
	IRGC 33064	RA 8172	EMATA LONGYU	Myanmar	<i>Group V (aromatic)</i>	<i>badh2.8</i>	0.14
ANF2	IRGC 18438	RA 8506	PANDAN WANGI	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	0.29
PW1	N/A	DNA only	Pandan Wangi	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	0.19
SR8	N/A	DNA only	Pandan Wangi	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	0.14
SR9	N/A	DNA only	Pandan Wangi	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	0.18
	IRGC 79569	RA 8517	Mentik Wangi	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	N/A
		RA 8151	Pandan Wangi8	Indonesia	<i>tropical japonica</i>	<i>badh2.9</i>	0.08
	IRGC 78746	RA 8192	TAINUNG 72	Taiwan	<i>tropical japonica</i>	<i>badh2.10</i>	0.35
	IRGC 439612	RA 8215	Shiratama	Japan	<i>tropical japonica</i>	<i>badh2.10</i>	N/A
ANF14	IRGC 90687	RA 8522	KHAU TAN LUONG	Vietnam	<i>tropical japonica</i>	WT	0.79
	LG6732	RA 8156/K2	Kai Noi Leuang	Laos	<i>tropical japonica</i>	WT	0.76